

# Your Essentials Sensitivity results are here

Test Test Redemption code: TEST Report Date: Apr 7 2020



Dear Test Test,

# We are delighted to present you with your test results report!

Your results have been created by our state of the art bioresonance testing machine and our technician Hollie.

## Your results

Your results are divided into sections by the type of items tested. Within each section you'll find an overview page, this is to ensure your results are as clear and concise as possible and your attention is drawn to the information that is of greatest value to you. You can see the full list of items tested in the detailed analysis page. Your results report is designed to provide the utmost clarity on your results and the actions we would recommend. We believe that in providing you with your test results and relevant information in each section, your results can form the beginning of a journey, enabling you to make positive changes to your daily diet and environment. In doing so we want you to be able to take steps towards eating a diet, which is nutritious and enjoyable and living a life, which is healthful and happy.

If you have any further questions please do not hesitate to get in touch with us.

Sincerely, Check My Body Health Team

# Got a question?



Come and chat to us via **LiveChat** on our website or email **info@checkmybodyhealth.com** 

# **Table of contents**

Interpreting your results	4	
Complementary and Alternative Medicine	6	
Customer testimonials	8	
Food sensitivities analysis	10	
Non-food sensitivities analysis	18	
Metal sensitivities analysis	22	
Mineral and other nutrient analysis	27	
Vitamin A-K analysis	31	
Additives	34	
Your next steps	40	
Elimination diet	42	
Additives explainer	46	
Metal potential sources	49	

TIP!

Throughout your results PDF you can use the top 'Back to Contents' link to jump back to this page.

#### Disclaimer

Check My Body Health DISCLAIMS LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES and assumes no responsibility or liability for any loss or damage suffered by any person as a result of following or misusing any of the information or content from this report on or from our website. Check My Body Health assumes or undertakes NO LIABILITY for any loss or damage suffered as a result of the use or misuse of any information or content or any reliance thereon.

USE AT YOUR OWN RISK: This report is for informational purposes only. Consult a physician before undertaking any nutritional plan or diet program. It is your responsibility to evaluate your own medical and physical condition, or that of your clients, and to independently determine whether to perform, use or adapt any of the information or content on this report or on our website.



# Interpreting your results – explainer

# Sensitivity NOT Allergy

It is important to reiterate that this test is NOT for allergy. It is easy to confuse allergy and sensitivity or intolerance as the different terms are often used interchangeably, which leads to misinterpretation. Allergy and sensitivity are not the same. Of course if someone is allergic to a food item it could be described as being 'sensitive' however as a health condition allergy is different from sensitivity or intolerance.

There are a couple of fundamental differences between allergy and sensitivity; having food sensitivity may be uncomfortable and cause symptoms that, whilst annoying, embarrassing or even debilitating, do not have the potential to be life-threatening like those caused by food allergy; food sensitivity can also change over time, it can often be overcome through implementation of a food elimination diet and/or improving gut health, however food allergy tends to be lifelong.

The physiological process, which takes place in the body during an allergic reaction, is also entirely different to that of sensitivity. An allergic reaction involves the immune system and cells called antibodies, whereas this is not involved in sensitivity. Hair testing does not test antibody levels therefore this is why it cannot be used to test for allergy.

# **Known Allergy**

You may have a known allergy; so let's help you to interpret sensitivity results to this item.

# Scenario 1

# The item you are allergic to shows as a moderate or high reactivity item.

This means that as well as a food allergy you have food sensitivity. If you have already removed this item from your diet you do not need to take any action. If you have not removed it previously, it is worth considering doing so, however we would not recommend reintroduction following the elimination diet.

# Scenario 2

# The item you are allergic to shows as a no reactivity item.

This means that you do not have food sensitivity to this item however the result does not question or contradict the presence of your food allergy to the item. It does NOT mean you should reintroduce the item to your diet, you should respect the symptoms or test results you have had previously with regards to allergy. Remember this test does not test for allergy.

# **Everyday Foods**

It is common for a food item consumed in the daily diet or very frequently, to test as a moderate or high sensitivity item. This can happen with food sensitivity and may be due to the body suddenly struggling to process or breakdown particular constituents of the food. This could be caused by overconsumption of a food group or could be down to an imbalance in gut bacteria or the presence of low-level inflammation in the gut.

Whatever the cause do not despair. We are talking about food sensitivity and NOT allergy; therefore completing a food elimination diet with subsequent reintroduction can help. This may mean you need to eliminate a favourite food or staple in your diet for a period of weeks but you will be able to reintroduce the item. Eliminating food items for a period of time can allow the gut time to 'rest' from trigger foods and the reintroduction of items can allow you to assess how a food or food group makes you feel.

# **Gut Nourishment**

In most cases carrying out an elimination diet is enough to improve symptoms and allow for a greater understanding of any foods, which aren't agreeing with the body. It is also worth considering the nourishment of the digestive tract and addressing any gut bacteria imbalances to further improve gut function and reduce digestive symptoms.



# **Complementary and Alternative Medicine**





# **Complementary and Alternative Medicine**







# What is Complementary and Alternative Medicine?

Bioresonance therapy and testing is categorised as a complementary and alternative medicine (CAM). This is a diverse group of therapies, practices and products, which fall outside of conventional medicine or healthcare.

A complementary therapy is used alongside conventional medicine or treatment, whilst alternative therapy is used in place of conventional medicine or treatment. Some therapies or practices could be used as either complementary or alternative; it depends on whether it is combined with conventional medicine alongside or not.

Other therapies and practices, which are considered complementary and alternative medicine:

- Aromatherapy
- Acupuncture
- $\cdot$  Homeopathy
- Massage therapy
- Naturopathy
- Osteopathy
- Pilates
- Yoga

## Finding Complementary and Alternative Medicine Practitioners

When using complementary and alternative medicine it is important that you look for a credentialed practitioner registered in their field of expertise. The credentials required for complementary healthcare practitioners in the US varies between states, so it is important to check what is required in the state where you are consulting a practitioner.

# If you think you have a health condition always seek advice from your physician first.

Complementary and Alternative Medicine Use Among Adults and Children: United States, 2007

For more information please visit https://nccih.nih.gov/sites/nccam.nih.gov/files/news/n hsr12.pdf

# Customer testimonials





# Customer testimonials

We thought you'd like to hear what some of our customers thought about our service, from the hair submission to understanding the results report and elimination diet implementation. We would love to get your feedback!



### \*\*\*\*

Very detailed report with guidance on how to eliminate trigger foods. Great deal would recommend.

Taylor P.

## \*\*\*\*

Easy process to submit and super fast turnaround. Results were a lot more detailed than a previous test I'd purchased and on the mark with several foods I struggle with. The elimination plan chart is going to be a great help too. Would highly recommend. Casey T.

## \*\*\*\*

Seriously this test is so worth doing! My coworker and I both purchased it after hearing about it from a patient at our chiropractic ofice. Now we tell everyone about it! Who wouldn't want to know what is causing their headaches, IBS, and chronic fatigue?! I'm astonished at what has been causing mine. Took about two weeks so receive our results, but SO worth the wait!

Tara F.

## \*\*\*\*

This test is fantastic! It took a little for my mom and I to get our results back but it was worth it. We have both modified our diets and feel so much better! We just ordered three more for the rest of our family members. Definitely recommend it if you have a sensitive stomach like we do!

Kelsey W.

# Food sensitivities analysis



# The role of food types

As well as providing energy for the body food also contains nutrients in the form of vitamins and minerals. Vitamins and minerals are considered essential as they enable the body to complete literally hundreds of tasks, which are vital for day-to-day function, health and wellbeing. To name a few vitamins and minerals facilitate energy production, hormone production, wound healing, immune system function, blood clotting and foetal development.

The diagram below gives an overview of a few of the richest sources of each nutrient and some of the functions it performs within the body. You can refer to this diagram to ensure that in removing items from the diet you replace the relevant nutrients through other dietary sources.

Brain & nervous system function Healthy eyes	Beautiful skin, hairs Healthy teeth	Prevents cancer				Energy soun	ce Prevent	e system	lood
Chicken	Carrots					Ca	<b>S ((†))</b>	Seeds	Beans & Lentils
Peppers	Butter	(( Retinol	$\bigcirc$	•••••••••••••••••••••••••••••••••••••••		Calcium	𝒫 🖹	Cheese	Almonds
Peas	Seafood	BI			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CU	$\mathbb{X}$	Liver	Nuts & Seeds
Yoghurt	Poultry	Thiamine		0.50		Copper	20	Oysters	Lobster
Bananas	Avocado	B2				Fe		Tofu	Beans & Lentils
Asparagus	Fish & Meat	Riboflavin				Iron		Cashews	Whole-grain
Chicken	Avocado	<b>K B5</b>	2		$\odot$			Cod	Tuna
Mushrooms	Grains	Pantothenic Acid		M	XX	lodine	2	Shrimp	Eggs
Pork	Eggs						$\otimes \diamond$	Bananas	Sweet Potatoes
Soy Beans	Bread	B6 Pyridoxine				<b>K</b> Potassium	() H	Oranges	Mushrooms
Asparagus	Beets			B1 86 89				Leafy Greens	Dark Chocolate
Leafy Greens	Citrus Fruits	B9 Folate				Magnesium		Raspberries	Seafood
Broccoli	Peppers							Nuts	Yeast Breads
Spinach	Potatoes	Ascorbic Acid				Na	$\odot$	Beans	Cured Meats
Fish	Beef		<b></b>				(( <b>*</b> )))))))))))))))))))))))))))))))))))	Chicken	Sunflower Seeds
Mushrooms	Egg Yolks	Vitamin D		(1) 39 (2) F* (1)		Phosphorus	ନ୍ଦ୍ର	Seafood	Nuts
Vegetable Oils	Leafy Greens		<b>«</b>				2 19	Brazil Nuts	Brown Rice
Nuts	Olives	Vitamin E	N1	0		See		Ham	Spinach
Chicken	Peanuts							Fish	Eggs
Tuna	Peas	Image: Second system     Image: Second system       Image: Second system     Ima	<b>(((\$)</b> ))			B12 Cobalamine		Meat	Milk
Eggs Yolks	Avocado						60	Leafy Greens	Chicken
Salmon	Sweet Potato	B7				Vitamin K		Broccoli	Kiwi

## **Vitamins & Minerals**

# Sources of vitamins

### Water-soluble vitamins

#### **B** Vitamins

Oats, whole wheat, rye, buckwheat, brown rice, Brewer's yeast, peanuts, mushrooms, soybean lour and soybeans, split peas, pecans, sunflower seeds, lentils, cashews, chickpeas, broccoli, hazelnuts, peppers.

#### **B12**

Oysters, mussels, scallops, liver, mackerel, tuna, salmon, sardines, crab, beef, eggs, yogurt, Swiss cheese, fortiied products.

#### Vitamin C

Red peppers, guavas, kale, kiwi, broccoli, Brussel sprouts, strawberries, raspberries, blackberries, blueberries, oranges, tomatoes, peas, mange tout, papaya, mango, pineapple, melon.

### **Fat-soluable vitamins**

#### Vitamin A

(Retinol) Liver, beef, lamb, cod liver oil, mackerel, salmon, tuna, paté, goat's cheese, eggs, cheddar, cream cheese, butter, goat's cheese.

#### Beta Carotene

#### (Precursor to vitamin A)

Sweet potato, carrots, kale, spinach, collards, Swiss chard, pak choi, butternut squash, pumpkin, cos lettuce, romaine lettuce, mango, dried apricots, prunes, peaches, melon, red peppers, tuna ish, mackerel, butter.

#### Vitamin D

Salmon, trout, swordish, mackerel, tuna, buttermilk, some yogurt, mushrooms, eggs, fortiied products.

#### Vitamin E

Spinach, kale, broccoli, Swiss chard, turnip greens, collards, avocado, almonds, hazelnuts, pistachios, sunlowers seeds, prawn/shrimp, crayish, salmon, smoked salmon, swordish, herring, trout, olive oil, sunlower oil, sweet potato, squashes, kiwi, mango, peach, nectarines, apricots, guava, raspberries, blackberries.

#### Vitamin K

Kale, spinach, mustard greens, spring onions, cress, basil, thyme, coriander, sage, parsley, Brussel sprouts, cabbage, chilli powder, paprika, fennel, leeks.

#### **Minerals**

#### Calcium

Watercress, kale, broccoli, low fat mozzarella, low fat cheddar, yogurt, pak choi, tofu, sugar snap peas, almonds, tinned sardines in oil with bones, tinned pink salmon.

#### Magnesium

Buckwheat, rye, millet, brown rice, whole wheat, kelp, almonds, cashews, brazil nuts, peanuts, walnuts, tofu, coconut, soya beans, figs, apricots, dates, prawns, corn, avocado, spinach, kale, broccoli swiss chard, turnip greens, collards.

#### Zinc

Rye, spinach, beef, lamb, pumpkin seeds, sesame seeds, sunflower seeds, cashew nuts, cocoa powder, dark chocolate,

pork, chicken, chickpeas, baked beans, mushrooms.

#### Iron

Rye, whole wheat, pumpkin seeds, sunflower seeds, sesame seeds, chicken liver, oysters, mussels, clams, cashews, pine nuts, hazelnuts, peanuts, almonds, beef, lamb, lentils, white beans, soybeans, kidney beans, chickpeas, lima beans, oatmeal, spinach, Swiss chard, kale, dark chocolate.

#### Manganese

Rye, oats, brown rice, barley, mussels, hazelnuts, pine nuts, pecans, lima beans, chickpeas, aduki beans, lentils, pumpkin seeds, sesame seeds, sunflower seeds, pineapple, spinach, kale, tofu, soybeans, sweet potato, blueberries, raspberries, strawberries.

#### Copper

Rye, oats, sesame seeds, cashews, soybeans, mushrooms, sunflower seeds, tempeh, garbanzo beans, lentils, walnuts, lima beans, liver, spirulina, dark chocolate, collard greens, Swiss chard, spinach, kale.

#### Phosphorus

Brown rice, oats, rye, whole wheat, chicken, turkey, pork, liver, sardines, scallops, salmon, mackerel, crab, milk, yogurt, cottage cheese, sunflower seeds, pumpkin seeds, Brazil nuts,

pine nuts, almonds, pistachios, cashews.

#### Potassium

Dried apricots, salmon, mackerel, tuna, monkfish, white beans, lentils, kidney beans, avocado, butternut squash, spinach, mushrooms, bananas, potatoes, low fat yogurt.

#### Selenium

Brazil nuts, brown rice, rye, whole wheat, mushrooms, shrimp, sardines, oysters, tuna, sunflower seeds, liver, eggs, beef, turkey, cottage cheese.

#### **Test Test** TEST

# Food sensitivities analysis



# What is a food sensitivity?

Food sensitivity happens when the body has difficulty digesting a particular food. Having food sensitivity can cause symptoms such as bloating, bowel movement changes, headaches and fatigue. It can also contribute towards symptoms experienced by those with chronic conditions such as irritable bowel syndrome, chronic fatigue, arthritis, autism and ADD/ADHD.



# What is a food allergy?

Food sensitivity should not be confused with food allergy. This test is for food sensitivity ONLY. Food allergy symptoms include coughing, sneezing, runny nose/eyes, itchy mouth/eyes, swelling of the lips/face, rashes, worsening of eczema and/or asthma, wheezing, breathing difficulties, vomiting, diarrhoea and, in rare cases, anaphylaxis. Testing for food allergy can only be done through a blood, skin prick or patch test. If you suspect you have food allergy please see your physician.

# Interpreting your results

Interpreting your results is of course the important part! To help you with this you will find an overview of your food sensitivity results. This overview summarises the items to focus on, along with the relevant actions to take. All items tested are rated as either high, moderate or no reactivity, in the overview section you will see only those items, which tested as high or moderate. The no reactivity items can be found in the detailed analysis section.

## **High Reactivity**

These are the food items that our testing shows you have sensitivity to.

## **Moderate Reactivity**

These are the food items that our testing shows you could potentially have sensitivity to.

## No Reactivity

These are the food items that our testing shows you do not have sensitivity to.



# Your food sensitivities overview

# **High Reactivity**

- ٠Ale
- Banana
- Bread-brown
- Bread-white
- $\cdot$  Cheddar
- Chickpea flour
- Condensed milk
- Edam
- Evaporated milk
- Farro
- Freekeh
- Garbanzo flour
- Gruyere
- Halloumi
- Hops
- Houmous
- Ice cream
- Lager

- Liver-pig
- Milk chocolate
- Milk from cows
- Miso
- Mushroom
- Noodles-wheat
- Parmesan
- Pork
- Portobello mushroom
- Rice-white
- Rye
- Sesame oil
- Sesame seed
- Sour cream
- Soya flour
- Soya milk
- Stilton
- Walnut

These food items have been identified as those, which may be causing or contributing to physical symptoms.

We would recommend the removal of these items from your daily diet using a structured elimination diet. See details on how to implement an effective elimination diet in section 11.

Yogurt

# **Moderate Reactivity**

- Apple
- · Apples-Granny Smith
- Apples-Jazz
- Barley
- Beef
- Broad bean
- Cauliflower
- Cider
- Coconut
- Coconut oil
- Hazelnut
- Lima bean

- Liver-ox
- Millet
- Mutton
- · Oats-gluten-free
- Orange
- Oyster sauce
- Peppermint oil
- Roe-deer
- Shrimp
- Taco shells-corn
- Turkey-cock
- Vegetable oil

These food items have been identified as those, which may have the potential to cause or contribute to physical symptoms.

We would always recommend prioritising the removal of the high reactivity items first and then considering the removal of moderate reactivity items thereafter.

It is also worth considering that having these items in isolation may not cause symptoms, however having a number of moderate reactivity items in the same meal or day may lead to symptoms due to an accumulative effect. See details on how to implement an effective elimination diet in section 11.

 $\cdot$  Venison

#### Gluten-containing Cereals and Grains

Test Test

TEST

Barley

16

- 🔴 Bread-brown
- Bread-white
- 🛑 Farro
- 🛑 Freekeh
- Noodles-wheat
- 🔵 Oats
- Rye

#### Gluten-free Cereals and Grains

- Amaranth
- Chickpea flour
- 🛑 Garbanzo flour
- 🔴 Hops
- 🔴 Millet
- 🛑 Oats-gluten-free
- Rice-white
- 🛑 Soya flour
- Taco shells-corn

#### Cheese

- 🔴 Cheddar
- 🛑 Edam
- Gruyere
- 🔴 Halloumi
- 🛑 Parmesan
- Stilton

#### **Dairy and Egg**

- Condensed milk
- Egg
- Evaporated milk
- lce cream
- Milk from cows

- Sour cream
- Yogurt

#### **Herbs and Spices**

- Aquafaba
- 🔵 Basil
- Cardomom
- Cilantro
- Cumin
- Ginger
- Mint-fresh
- Miso
- Mustard
- Nutmeg
- 🔵 Paprika
- Rosemary
- Sage
- Salt
- Star anise
- Thyme
- Turmeric

### Drinks

- le Ale
- 🔴 Cider
- Coffee-black
- Cola
- Lager
- .
- Red wine
- 🛑 Soya milk
- Tea-black
- White wine

#### Oils and Condiments

- Almond oil
- Barbecue sauce
- Coconut oil
- Olive oil

Oyster sauce

Pomegranate

Prune

🔵 Quince

Raisin

Meat

Beef

Chicken

Goose

Horse

Croccodile

🔵 Kangaroo

Liver-ox

Liver-pig

Mutton

Roe-deer

Venison

Almond

Brazil nut

🕨 Chestnut

Coconut

🛑 Hazelnut

Peanut

Hemp seed

Poppy seed

Pumpkin seed

Sesame seed

Walnut

Sunflower seed

Water chestnut

Seafood and Fish

Turkey-cock

**Nuts and Seeds** 

Pork

Raspberry

Strawberry

Water melons

- Peppermint oil
- Sesame oil
- 🔵 Tomato ketchup
- Vegetable oil

#### Miscellaneous

- Milk chocolate
- Monosodium glutamate
- Potato chips
- Vinegar-clear

#### Fruit

- Apple
- Apples-Granny Smith
- 🛑 Apples-Jazz
- 🛑 Banana
- Blackberry
- Cantaloupe melon
- Carambola
- Cherry
- CranberryDate
- Fig
- Galia melon
- 🔵 Goji berry
  - Gooseberry
- Grapes-black
- Grapes-green
- 🔵 Guava

Nectarines

Pineapple

Orange

Peach

Pear

Plum

- Honeydew melon
- Lemon
- Lychee

# Food sensitivities detailed analysis

# continued...

Test Test

TEST

- Anchovy
- Barramundi
   Clams
- Crab
- Eel

17

- Herring-red
- Lobster
- Mackerel
- Mussels-general
- Plaice
- Sardine
- Shark
- 🛑 Shrimp
- Sole
- Trout-brown
- Whitefish

### Vegetables

- Artichoke
- Beansprout
- Broccoli
- Butternut squash
- Cabbage
- Capsicum-green
- Carrots
- Cauliflower
- Chicory lettuce
- Cress
- Endive
- Escarole lettuce
- Fennel
- Garlic
- Head lettuce
- 🔵 Kohl rabi
- Mushroom
- Olives-black
- Onion
- Plantain
- 🛑 Portobello mushroom
- Potato

- Radish
- Rocket
- SpinachSwede
- Swede
- Tomato
- TurnipWatercress
- Yams
- Zucchini

## Legumes and Pulses

- Black beans
- e Broad bean
- Fermented black bean
- Field pea
- 🛑 Houmous
- 🔵 Kidney beans
- 🛑 Lima bean
- 🔵 Scarlet runner bean

Back to contents

# Non-food sensitivities analysis



# Non-food sensitivities analysis



## What is a non-food sensitivity?

Non-food items can, just like food items, cause the body to react, which leads to the production of symptoms such as headaches and fatigue. If you suspect you have an allergy please see your physician. It is important to note that this is not an allergy test. Any known pollen, dust mite or mould allergies you know you have may or may not come up in this test.

## Interpreting your results

Interpreting your results is of course the important part! To help you with this you will find an overview of your non-food sensitivity results. This overview summarises the items to focus on, along with the relevant actions to take. All items tested are rated as either high, moderate or no reactivity, in the overview section you will see only those items, which tested as high or moderate. The no reactivity items can be found in the detailed analysis section.

## **High Reactivity**

These are the non-food items that our testing shows you have sensitivity to. Moderate Reactivity

These are the non-food items that our testing shows you could potentially have sensitivity to.

### No Reactivity

These are the non-food items that our testing shows you do not have sensitivity to.

# Your non-food sensitivities overview

# **High Reactivity**

European beech

·Ме

Meadow fescue

• Walnut

These non-food items have been identified as those, which may be causing or contributing to physical symptoms.

We would recommend the avoidance of these items in your daily life, as far as possible.

# **Moderate Reactivity**

- Anisakis
- Ash
- Hazel
- Hornbeam

- Perennial ryegrass
- Privet
- Red fescue
- Ribwort

- Stinging nettle
- Wormwood

These non-food items have been identified as those, which may have the potential to cause or contribute to physical symptoms.

We would always recommend prioritising the removal of the high reactivity items first and then considering the avoidance of moderate reactivity items thereafter.

It is also worth considering that contact with these items in isolation may not cause symptoms, however having contact with a number of moderate reactivity items in the same day may lead to symptoms due to an accumulative effect.

# Non-food sensitivities detailed analysis

#### Organic compounds

#### Alpha lipoic acid

- Ascorbic acid
- Docosahexaenoic acid
- Eicosapentaenoic acid
- Ellagic acid
- Folate
- Gallic acid
- Lignans
- 🔵 Lutein
- Lycopene
- Mallic acid
- Nicotinic acid
- Nucleic acid
- 🔵 Omega 3
- 🔵 Omega 6
- Oxalic acid
- Pyridoxine
- Salicylic acid
- Saponins
- Zeaxanthin

#### **Materials**

- Cotton
- Synthetic materials
- Wool

#### Miscellaneous

- 🛑 Anisakis
- Horse bot fly
- Pigeon droppings

#### **Flowering plants**

- Aster
- Chrysanthemum
- Clover

- 🔵 Dahlia
- Fireweed/great willow herb
- Hyacinth
- Lupine
- Marguerite
- Mulberry
- Narcissus
- 🔵 New Belgian aster
- Scotch heather
- Tulip
- Wallflower

#### **Grasses and Herbs**

- Buttercup
- Dandelion
- 🔵 Dock
- Kentucky bluegrass
- Maize
- Meadow fescue
- Mugwort
- Orchard grass or cocksfoot grass
- Perennial ryegrass
- Qack grass or couch grass
- Red fescue
- 🛑 Ribwort
- Stinging nettle
- Sweet vernal grass
- Tall oat grass
- Tansy ragwort
- Velvet grass
- Wild oat
- Wormwood

#### Insects

Mosquito

#### Shrubs

- Blackberry
- ) Hazel
- Mangrove
- Privet
- Strawberry
- Willow

#### Trees

- Alder
- Apple tree
- 🔴 Ash
- Aspen
- Betula verrico
- Cherry tree
- 🛑 European beech
- European lime
- 🛑 Hornbeam
- Horse chestnut
- Japanese cedar
- Japanese millet
- 🔵 Laburnum
- 🔵 Larch
  - Linden tree
  - Maple
  - Misteltoe
  - 🔵 Oak
  - Pear tree
  - Pine
  - Plane tree
- Poplar
- le Walnut

# Metal sensitivities analysis

0



# Metal sensitivities analysis



# What is metal toxicity?

Metal toxicity is the build-up of large amounts of heavy metals in the soft tissues of the body. The heavy metals most commonly associated with toxicity are lead, mercury, arsenic and cadmium. Exposure usually occurs through industrial exposure, pollution, food, medication, improperly coated food containers or the ingestion of lead-based paints. Symptoms vary between the different types of heavy metals.

# What to do if you have high levels of exposure?

It is important to look at lowering your day-to-day level of exposure. Consider your environment, the foods you eat, water, cosmetics and cleaning products.

The body is constantly detoxifying things from your everyday environment such as chemicals in foods, cosmetics and cleaning products, caffeine, alcohol, medications and even your own hormones. You can help your body with detoxification processes by ensuring you; drink plenty of filtered water, eat a diet that is as wholefood as possible, avoid processed foods, reduce caffeine and/or alcohol consumption, lower nicotine usage and exercise regularly.

# Potential sources in your environment

Heavy metals are a part of our everyday life and at low levels are detoxified by the body causing no issue. However it is beneficial to have a greater awareness of where you may come into contact with metals and therefore help you reduce your potential exposure.

**Food** - Pesticides, insecticides and herbicides used on crops can lead to contaminated food produce. Contaminated water can result in fish and seafood containing heavy metals.

**Water** – Pipework that water runs through is the most likely cause of any heavy metals in drinking water. For this reason it is always best to filter your water.

**Air** – Pollution from vehicles such as cars, trains and aeroplanes contributes to heavy metals, which can be inhaled. Industrial factories and agricultural areas, which use pesticides on crops are also ways metals get into the air we breathe. **Cosmetics** – Lead, arsenic, mercury, aluminium, zinc and chromium can be found in many cosmetics such as lipstick, whitening toothpaste, eyeliner, nail polish, moisturiser, sunscreen, foundation, blusher, concealer and eye drops. Some metals are added as ingredients whilst others are contaminants.

**Cleaning products** – Everyday household cleaning products like polish, all purpose sprays and garden products like insecticides and pesticides contain heavy metals.



## Interpreting your results

To help you interpret your results you will find an overview of your metal sensitivities. This overview summarises the items to focus on along with the relevant actions to take. All items tested are rated as either high, moderate or no reactivity, in the overview section you will see only those items, which tested as high or moderate. The no reactivity items can be found in the detailed analysis section.

Ideally the metals will show no reactivity in testing. If however there are metals identified as moderate or high reactivity do not panic. Through lowering daily exposure and helping your body with detoxification processes your body can reduce its own toxicity levels.

## **High Reactivity**

**Moderate Reactivity** 

### No Reactivity

These are the metals that our testing shows are at a level that could lead to toxicity. These are the metals that our testing shows risk being at a level that may lead to toxicity. These are the metals that our testing shows are not at a level that could lead to toxicity.

# Your metal sensitivities overview

# **High Reactivity**

No metals have been identified as high reactivity according to our testing parameters.

# **Moderate Reactivity**

• Argon (A)

- Fluorine (F)
- Nickel (Ni)

• Samarium (Sm)

· Silver (Ag)

• Tin (Sn)

· Zirconium (Zr)

These metals have been identified as ones to which you should monitor your exposure.

It is also recommended that you aid your body's natural detoxification processes by ensuring you drink plenty of filtered water, eat a diet that is rich in wholefoods (particularly fruits and vegetables), avoid processed foods, reduce caffeine and/or alcohol intake, lower nicotine usage and exercise regularly.

# **No Reactivity**

These metals have been identified as being at a low or no reactivity level. Your body can detoxify and rid itself of these. You can see the full breakdown of metals tested in the metal sensitivities detailed analysis section.

# Metal sensitivities detailed analysis

#### **Metal sensitivities**

- Aluminium (Al)
- 🔴 Argon (A)
- 🔵 Barium (Ba)
- Bismuth (Bi)
- Caesium (Cs)
- Cerium (Ce)
- Chromium (Cr)
- Copper (Cu)
- Fluorine (F)
- Gallium (Ga)
- Gold (Au)
- Holmium (Ho)
- Iridium (Ir)
- Lithium (Li)
- Mercury (Hg)
- Nickel (Ni)
- Platinum (Pt)
- Rhenium (Re)
- Rubidium (Rb)
- 🛑 Samarium (Sm)
- Selenium (Se)
- Silver (Ag)
- Sulphur (S)
- 🛑 Tin (Sn)
- Vanadium (V)
- Zirconium (Zr)

# Mineral and other nutrient analysis



# Mineral and other nutrient analysis

# Low mineral levels

There are recommended daily amounts of each mineral that should be consumed on a daily basis. However mineral requirements do vary from person to person depending upon life stage, activity level, stress level, health conditions and medications.

Low mineral levels occur when the dietary intake is lower than required or when the body is struggling to effectively absorb minerals from the food.



## What are phyto nutrients?

Phytonutrients are natural chemicals produced by plants to help them protect themselves from things like insects and the sun. By eating foods which contain phytonutrients we, as humans, can benefit from these natural compounds and use them for health benefits.

Unlike minerals there are no recommended daily amounts to consume. However we do know that the different phytonutrients confer different health benefits in the body such as supporting cardiovascular health, strengthening the immune system, improving eye health, reducing cholesterol and boosting energy. Therefore these nutrients are recommended for optimal health.

# What should you do if you have low mineral or phytonutrient levels?

The daily diet is the first consideration if you have low mineral levels. It is the most natural and best way of improving mineral or phytonutrient intake. Minerals come from the soil, and the greater the quality and richness of the soil, the greater the mineral density of a plant. The best sources of minerals are fruits, vegetables, grains, pulses, nuts and seeds. By including such produce in your diet you will also benefit from phytonutrients. For guidance on specific minerals and the foods where they are found see 'The role of food types' in the Food Sensitivity section.

Ideally nutrients should all be consumed through the diet, however if this is not possible due to dietary restrictions or dislikes supplementation is an option. Please note it is always recommended that any supplementation is taken under the advice and monitoring of a health professional.

Should you suspect that you could have a mineral deficiency please seek the advice of your physician.

## Interpreting your results

### **Outside Range**

The level of the mineral or other nutrient in your body falls below the normal range according to our testing parameters.

## Within Range

The level of the mineral or other nutrient in your body falls within the normal range according to our testing parameters.

# Your mineral and other nutrient overview

# **Outside Range**

Beta-carotene

• Genistein

• Iron

These minerals and/or other nutrients have been identified as falling below the normal range. Look to increase the nutrient density of your daily diet through fruits, vegetables, grains, pulses, nuts and seeds. For more specific guidance on where to find each mineral please see 'The role of food types' in the Food Sensitivity section.

# Within Range

- Allium
- Bio-flavonoids
- Calcium
- Chromium

- Copper
- Inositol
- Manganese
- Phosphorus

- Silica
- Sodium

These minerals and/or other nutrients have been identified as falling within the normal range. Keep up the good work, maintaining a nutrient-rich daily diet to ensure your mineral levels remain consistent.



# Mineral and other nutrient detailed analysis

#### Minerals

- Calcium
- Chromium
- Copper
- lron
- Manganese
- Phosphorus
- Silica
- Sodium

# Phyto- and other nutrients

- Allium
- Beta-carotene
- Bio-flavonoids
- 🔴 Genistein
- Inositol

# Vitamin A-Kanalysis



# Vitamins A-K analysis



# Low mineral levels

There are recommended daily amounts of each vitamin that should be consumed on a daily basis. However vitamin requirements do vary from person to person depending upon life stage, activity level, stress level, health conditions and medications.

Low vitamin levels occur when the dietary intake is lower than required or when the body is struggling to effectively absorb minerals from the food.

# What should you do if you have low vitamin levels?

The daily diet is the first consideration if you have low vitamin levels. It is the most natural and best way of improving intake. Vitamins come from a variety of sources, the richest sources being unrefined choices. For guidance on specific vitamins and the foods where they are found see 'The role of food types' in the Food Sensitivity section.

Ideally nutrients should all be consumed through the diet, however if this is not possible due to dietary restrictions or dislikes supplementation is an option. Please note it is always recommended that any supplementation is taken under the advice and monitoring of a health professional.

Should you suspect that you could have a vitamin deficiency please seek the advice of your physician.

# Interpreting your results

## **Outside Range**

The level of the vitamin in your body falls below the normal range according to our testing parameters.

## Within Range

The level of the vitamin in your body falls within the normal range according to our testing parameters.

# Your vitamins A-K overview

# **Outside Range**

No vitamins have been identified as outside range according to our testing parameters.

These vitamins have been identified as falling below the normal range. Look to increase the nutrient density of your daily diet through fruits, vegetables, grains, pulses, nuts and seeds, good quality meat, fish, eggs and dairy produce. For more specific guidance on the best sources of each vitamin please see 'The role of food types' in the Food Sensitivity section.

## Within Range

• Vit. C

• Vit. E

These vitamins have been identified as falling within the normal range. Keep up the good work, ensuring a nutrient-rich daily diet to ensure your vitamin levels remain consistent.

# Additives analysis



# **Additives analysis**



## What are additives?

Additives are substances, which are added to food for a specific reason such as; to improve the look or taste of a food, to preserve a food and make it last longer on the shelf, to aid food processing and manufacturing, to stabilise a food and keep it safe to eat.

The main types of additives are colourings, flavour enhancers, sweeteners, antioxidants, emulsifiers, stabilisers and preservatives. They can be natural, man-made but nature identical or artificial.

## Interpreting your results

Interpreting your results is of course the important part! To help you with this you will find an overview of your additives results. This overview summarises the items to focus on along with the relevant actions to take. All items tested are rated as either high, moderate or no reactivity, in the overview section you will see only those items, which tested as high or moderate. The no reactivity items can be found in the detailed analysis section.

## **High Reactivity**

These are the additives that our testing shows you have sensitivity to.

## **Moderate Reactivity**

These are the additives that our testing shows you could potentially have sensitivity to.

### No Reactivity

These are the additives that our testing shows you do not have sensitivity to.

# Your additives overview

# **High Reactivity**

• E 200 • E 312

These additives have been identified as those, which may be causing or contributing to physical symptoms.

We would recommend the removal of these additives from your daily diet as far as possible.

Additives are most likely to be found in processed products, therefore eating a diet that is rich in natural, whole food produce and low in processed foods will enable the removal of many additives from your daily diet.

# **Moderate Reactivity**

• E 104	• E 214
• E 123	• E 216
• E 1413	• E 320
• E 1440	• E 445
• E 150 a	• E 451
• E 1505	• E 463

• E 471

These additives have been identified as those, which may have the potential to cause or contribute to physical symptoms.

We would always recommend prioritising the removal of the high reactivity items first and then considering the avoidance of moderate reactivity items thereafter. Additives are most likely to be found in processed products, therefore eating a diet that is rich in natural, whole food produce and low in processed foods will enable the removal of many additives from your daily diet.

It is also worth considering that having these items in isolation may not cause symptoms, however having contact with a number of moderate reactivity items in the same day may lead to symptoms due to an accumulative effect.



## **No Reactivity**

These additives have not been identified as causing or contributing towards physical symptoms and therefore require no action. You can see the full breakdown of additives showing no reaction in the additives detailed analysis section. If you would like further information on a particular additive we have set out a variety of different sources you can use. In the appendix you will find details of the full name of each additive.

**This website** gives the names of branded products, which contain a given additive. Search the database using the full name of the additive rather than the number. For example under 'search for a product' put aspartame rather than E951.

This website gives a good level of detail on an extensive list of additives.

E600-E700
E900-E1000
E1000-E1300
E1400-E1500
E1500-E1525

(=



## Additives detailed analysis

🔵 E 301

Colourings	🛑 E 470 a
	🔵 E 470 b
E 100	🛑 E 471
• E 101	
• E 102	Sweetners
● E 104	
• E 110	• E 1105
• E 120	E 1200
• E 122	E 1201
e 123	● E 1202
● E 124	● E1404
● E 127	<b>E</b> 1410
● E 128	● E 1412
● E 129	e 1413
• E 131	● E 1414
E 132	E 1420
E 133	E 1422
<b>E</b> 140	e 1440
● E 141	E 1442
<b>E</b> 142	<b>E</b> 1450
🛑 E 150 a	🛑 E 1505
🔵 E 150 b	E 1518
E 150 B	E 1510
	<ul><li>Gelatin</li></ul>
Emulsifiers	-
	<ul> <li>Gelatin</li> </ul>
	<ul><li>Gelatin</li><li>Maple</li></ul>
Emulsifiers	<ul><li>Gelatin</li><li>Maple</li><li>Molasses</li></ul>
Emulsifiers • E 432	<ul><li>Gelatin</li><li>Maple</li><li>Molasses</li></ul>
Emulsifiers <ul> <li>E 432</li> <li>E 433</li> </ul>	<ul><li>Gelatin</li><li>Maple</li><li>Molasses</li><li>Sugar</li></ul>
Emulsifiers • E 432 • E 433 • E 434	<ul><li>Gelatin</li><li>Maple</li><li>Molasses</li><li>Sugar</li></ul>
Emulsifiers <ul> <li>E 432</li> <li>E 433</li> <li>E 434</li> <li>E 435</li> </ul>	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives
Emulsifiers  E 432 E 433 E 434 E 435 E 436	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 436 E 440	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 436 E 440 E 442	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 435 E 436 E 440 E 442 E 444	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 435 E 436 E 440 E 442 E 444 E 445	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 436 E 446 E 442 E 444 E 445 E 445 E 450	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> <li>E 212</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 436 E 440 E 442 E 444 E 444 E 445 E 445 E 450 E 451	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> <li>E 212</li> <li>E 213</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 436 E 4436 E 442 E 442 E 444 E 445 E 445 E 445 E 445 E 450 E 451 E 452	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> <li>E 212</li> <li>E 212</li> <li>E 213</li> <li>E 214</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 435 E 436 E 440 E 442 E 444 E 444 E 444 E 445 E 445 E 450 E 451 E 452 E 460	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> <li>E 212</li> <li>E 212</li> <li>E 213</li> <li>E 214</li> <li>E 215</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 436 E 436 E 440 E 442 E 442 E 444 E 445	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> <li>E 212</li> <li>E 212</li> <li>E 213</li> <li>E 214</li> <li>E 215</li> <li>E 216</li> </ul>
Emulsifiers  E 432 E 433 E 433 E 434 E 435 E 435 E 436 E 4436 E 4440 E 4442 E 4442 E 4444 E 4445 E 445 E 445 E 445 E 450 E 451 E 452 E 460 E 461 E 463	<ul> <li>Gelatin</li> <li>Maple</li> <li>Molasses</li> <li>Sugar</li> </ul> Preservatives <ul> <li>E 200</li> <li>E 202</li> <li>E 203</li> <li>E 210</li> <li>E 211</li> <li>E 212</li> <li>E 212</li> <li>E 213</li> <li>E 214</li> <li>E 215</li> <li>E 216</li> </ul>



# Your next steps

ARARARARARA.





# This is where your journey to a healthier life begins

You have read through all of your results, so what now? As we said at the beginning of the report we believe that these test results can be the start of your journey towards a healthier life.

The next step we would recommend is the completion of an elimination diet. This entails the removal of all reactive foods for a period of time followed by reintroduction. The elimination diet is a powerful tool, which provides much clarity for individuals on which foods work for them and which do not.

## **Aims and objectives**

Before you embark upon any new project, venture or undertaking, in this case making positive dietary changes, it is always good to write down your aims and objectives. You can refer back to these notes in times of doubt or to reflect on whether you achieved your objectives.

You can use the notes section below to jot down any key pieces of information from the test results and also your objectives for the elimination diet and beyond.



# Elimination diet

# 11.





## **Elimination diet**

#### What is an elimination diet?

An elimination diet is the removal of intolerant or problematic foods and drinks from your daily diet. It is conducted over a short period of time, normally around four weeks. In certain cases a person may be recommended to conduct a longer elimination diet, however generally around four weeks is sufficient time to get good results. At the end of this period you can reintroduce items one by one at the same time as monitoring your symptoms and general wellbeing.

## How does it work?

In the removal and then reintroduction of items you get a clear understanding of those foods which make you feel good, allow you to think with clarity and leave you feeling energised and those which make you feel lethargic, sluggish, sap your energy levels and provoke symptoms like bloating or headaches.



#### **Elimination phase**

All high and medium reactive foods are removed from the diet, along with any known allergy or intolerant foods. You can eat freely from those foods in the no reactivity category. You should aim for this phase to last four weeks.



#### **Reintroduction phase**

During the reintroduction phase you should bring one item in at a time and then monitor symptoms for the next two days.

You will find a reintroduction diary at the end of this section where you can note the food and drinks that you consume along with any symptoms you experience.



## What can't you eat on an elimination diet?

Each person will be different in the foods they should eliminate during the elimination phase. The priority items to remove are those, which are shown in the high reactivity category. If eliminating these items alone seems like a big undertaking stick with the removal of only these items. However if you feel you can also achieve the removal of those foods in the medium reactivity category during the elimination phase also do so.

You must also respect any known allergies or intolerances. For example if you know you are allergic to wheat or lactose intolerant and it comes up in the no reactivity section, do not bring it back into your diet.

## What can you eat on an elimination diet?

You can eat any items, which are shown as having no reactivity, except any to which you have known allergies or intolerances.

## What's important during an elimination diet?

In removing items from your diet you are also removing nutrients. Whilst it is only for a short period of time it remains important that you maintain a good daily intake of vitamins and minerals through your diet. Please consult 'the role of food types' page to ensure that in the removal of items you are still getting the given nutrient through other sources.



#### What happens after an elimination diet?

Following an elimination diet you should have good clarity on which foods work well for you and which provoke symptoms or make you feel less than your best. If you do find there are items or food groups, which provoke symptoms, it is worth considering the reduction or removal of these items from your diet.

Should you choose to greatly reduce or eliminate an item or food group from your diet ensure you replace the nutrients you would have got from the item or food group with alternative sources.

To get the best from your diet and to support your health and wellbeing ensure that, in the most part, your food comes from non-processed, natural sources and contains a breadth of vitamins and minerals.



## **Reintroduction diary**

Date: \_\_/\_\_/\_\_

Mon	LIST FOOD & DRINKS (NOTE TIMES)	NOTE SYMPTOMS
Tue		
Wed		
Thur		
Fri		
Sat		
Sun		

## **E-number explainer**

#### Colourings

E 100	Curcumin	E
E 101	Riboflavin (vit. B2), riboflavin	E
	– 5' – phosphate	
E 102	Tartrazine	E
E 104	Quinoline yellow	E
E 110	Sunset yellow FCF,	E
	orange yellow S	E
E 120	Cochineal, carminic acid,	E
	carmines	E
E 122	Carmoisine	E
E 123	Amaranth	E
E 124	Ponceau 4R	E
E 127	Erythrosine	E
E 128	Red 2 G	E
E 129	Allura red AC	
E 131	Patent blue V	E
E 132	Indigo carmine	E

#### **Preservatives**

E 200	Sorbic acid
E 202	Potassium sorbate, sorbic acid
E 203	Calcium sorbate, sorbic acid
E 210	Benzoic acid
E 211	Sodium benzoate,
	benzoic acid
E 212	Potassium benzoate,
	benzoic acid
E 213	Calcium benzoate,
	benzoic acid
E 214	Ethyl-para-hydroxybenzoate
	(PHB-ester)
E 215	Sodium ethyl-para-hydroxy
	benzoate (PHB-ester)
E 216	Propyl-para-hydroxybenzoate
	(PHB ester)
E 217	Sodiumpropyl-para-hydroxy
	benzoate (PHB-ester)
E 218	Methyl-para-hydroxbenzoate
	(PHB-ester)
E 219	Sodium methyl-para-hydroxy
	benzoate (PHB-ester)
E 220	Sulphur dioxide
E 221	Sodium sulphite
	(sulphur dioxide)

E 133 E 140	Brilliant blue FCF Chlorophylls and chlorophyllins
E 141	Chlorophyllins (Cu complexes)
E 142	Green S
E 150 a	Caramel
E 150 b	Caustic sulphite caramel
E 150 c	Ammonia caramel
E 150 d	Ammonia sulphite caramel
E 151	Brilliant black BN, black PN
E 153	Vegetable carbon
E 154	Brown FK
E 155	Brown HT
E 160 a	Carotene (mixed carotenes,
	beta-carotenes)
E 160 b	Annatto, bixin, norbixin
E 160 c	Capsanthin, capsorubin

E 160 d	Lycopene
---------	----------

- E 160 e Beta apo 8' carotenal, (carotinoid)
- **E 160 f** Ethyl ester of beta apo 8' carotenoic acid
- E 161 b Lutein
- E 161 g Canthaxanthin
- **E 162** Beetroot red (betanin)
- E 163 Anthocyanins
- E 170 Calcium carbonate
- E 171 Titanium dioxide
- E 172 Iron oxides, iron hydroxides
- E 173 Aluminium
- E174 Silver
- **E 175** Gold
- **E 180** Lithol rubine BK

E 222	Sodium hydrogen sulphite
	(sulphur dioxide)
E 223	Sodium metabisulphite
	(sulphur dioxide)
E 224	Potassium metabisulphite
	(sulphur dioxide)
E 226	Calcium sulphite
	(sulphur dioxide)
E 227	alcium hydrogen sulphite
	(sulphur dioxide)
E 228	Potassium hydrogen sulphite
	(sulphur dioxide)
E 230	Biphenyl, diphenyl
E 231	Orthophenylphenol
E 232	Sodium orthophenylphenate,
	orthophenylphenol
E 233	Thiabendazole
E 234	Nisin
E 235	Natamycine
E 239	examethylene-tetramine
E 242	Dimethyl dicarbonate
E 249	Potassium nitrite
E 250	Sodium nitrite
E 251	Sodium nitrate
E 252	Potassium nitrate

E 260	Acetic acid
E 261	Potassium acetate, salt of
	acetic acid
E 262	Sodium acetate, salt of
	acetic acid
E 263	Calcium acetate, salt of
	acetic acid
E 270	Lactic acid
E 280	Propionic acid
E 281	Sodium propionate,
	propionic acid
E 282	Calcium propionate,
	propionic acid
E 283	Potassium propionate,
	propionic acid
E 284	Boric acid
E 285	Sodium tetraborate,
	boric acid
E 290	Carbon dioxide, carbonic acid
E 296	Malic acid
E 297	Fumaric acid

## **E-number explainer continued...**

#### Antioxidants

E 300	Ascorbic acid (L-) (vitamin C)
E 301	Sodium L-ascorbate
	(ascorbic acid)
E 302	Calcium L-ascorbate
	(ascorbic acid)
E 304	Ascorbyl palmitate/
	ascorbyl stearate
E 306	Natural tocopherols
	(vitamin E)
E 307	Synthetic alpha-tocopherol
	(tocopherol)
E 308	Synthetic gamma-tocopherol
	(tocopherol)
E 309	Synthetic delta-tocopherol
	(tocopherol)
E 310	Propyl gallate (gallate)
E 311	Octyl gallate (gallate)
E 312	Dodecyl gallate (gallate)
E 315	Isoascorbic acid
E 316	Sodium isoascorbate
E 320	Butylated hydroxyanisole
	(BHA)
E 321	Butylated hydroxytoluene
E 322	Lecithins

E 325	Sodium lactate (salts from
	lactic acid)
E 326	Potassium lactate (salts from
	lactic acid)
E 327	Calcium lactate (salts from
	lactic acid)
E 330	Citric acid
E 331	Monosodium citrate,
	disodium c., trisodium c.
E 332	Monopotassium citrate,
	tripotassium c.
E 333	Monocalcium citrate,
	dicalcium c., tricalcium c.
E 334	Tartaric acid (L+), tartaric acid
E 335	Monosodium tartrate,
	disodium tartrate
E 336	Monopotassium tartrate,
	dipotassium tartrate
E 337	Sodium potassium tartrate
	(salts from tartaric acid)
E 338	Orthophosphoric acid,
	phosphoric acid
E 339	Monosodium phosphate,
	disodium p., trisodium p.

E 340	Monopotassium phosphate, dipotassium p. tripotassium p.
E 341	Monocalcium phosphate, dicalcium p., tricalcium p
E 350	Sodium malate, sodium hydrogen malate
E 351	Potassium malate (salts from malic acid)
E 352	Calcium malate, calcium hydrogen m.
E 353	Metatartaric acid
E 354	Calcium tartrate (salts from malic acid)
E 355	Adipic acid
E 356	Sodium adipate
E 357	Potassium adipate
E 363	Succinic acid
E 380	Triammonium citrate (salts from citric acid)
E 385	Calcium sodium ethylene diamine tetra-acetate (EDTA)

#### Thickening, setting and moisturising agents

- E 400 Alginic acid, alginate
  E 401 Sodium alginate, alginate
  E 402 Potassium alginate, alginate
  E 403 Ammonium alginate, alginate
  E 404 Calcium alginate, alginate
  E 405 Propylene glycol alginate, alginate
- E 406 Agar

#### Emulsifiers

E 432	Polyoxyethylene-
	sorbitan-monolaurate
	(polysorbate 20)
E 433	Polyoxyethylene-
	sorbitan-monooleate
	(polysorbate 80)
E 434	Polyoxyethylene-
	sorbitan-monopalmitate
	(polysorbate 40)
E 435	Polyoxyethylene-
	sorbitan-monostearate
	(polysorbate 60)
E 436	Polyoxyethylene-sorbitan-
	tristearate (polysorbate 65)
E 440	Pectin, amidated pectin
E 442	Ammonium phosphatides
E 444	Sucrose-acetate-isobutyrate
E 445	Glycerol esters of wood
	resin
E 450	Potassium and sodium
	diphosphates

**E 451** Potassium and sodium triphosphates

- E 407 CarrageenanE 407 a Eucheuma algae, treatedE 410 Locust bean gum, carob gum
- **E 410** Locust bean gum, o
- **E 412** Gua guin **E 413** Tragacanth
- **E 414** Gum arabic
- **E 415** Xanthan gum
- E 417 Tara meal
- **E 452** Polyphosphates
- E 460 Cellulose, microcrystalline cellulose, cellulose powderE 461 Methylcellulose
- E 463 Hydroxypropylcellulose
- E 464 Hydroxypropylmethylcellulose
- E 465 Methylethylcellulose
- E 466 Carboxymethylcellulose
- **E 470 a** Sodium-, potassium- and calcium salts
- **E 470 b** Magnesium salts of fatty acids
- E 471 Mono- and diglyceridesE 472 a Acetic acid esters of mono
- and diglycerides
- **E 472 b** Lactic acid esters of mono and diglycerides
- **E 472 c** Citric acid esters of mono and diglycerides
- **E 472 d** Tartaric acid esters of mono and diglycerides

E 418	Gellane
E 420	Sorbit, sorbit syrup
E 421	Mannite
E 422	Glycerine

E 472 e	Diacetyltartaric
	acid esters of mono
	and diglycerides
E 472 f	Mixed esters
	of mono and diglycerides
E 473	Sucrose esters of mono
	and diglycerides
E 474	Sucroglycerides
E 475	Polyglycerol esters of
	fatty acids
E 476	Polyglycerol polyricinoleate
E 477	Propylene glycol esters of
	fatty acids
E 479	Thermo-oxidised soya oil
E 481	Sodium stearoyl-2-lactylate
E 482	Calcium stearyol-2-lactylate
E 483	Stearyl tartrate
E 491	Sorbitan monostearate
E 492	Sorbitan tristearate
E 493	Sorbitan monolaurate
E 494	Sorbitan monooleate
E 495	Sorbitan monopalmitate



## **E-number explainer continued...**

#### **Miscellaneous additives**

E 500	Sodium carbonate,
	sodium hydrogen carbonate,
	sodium sesquicarbonate
E 501	Potassium carbonate,
	potassium hydrogen
	carbonate
E 503	Ammonium carbonate,
	Ahydrogen carbonate
E 504	Magnesium carbonate,
	Mhydrogen carbonate
E 507	Hydrochloric acid
E 508	Potassium chloride
E 509	Calcium chloride
E 511	Magnesium chloride
E 512	Tin II Chloride
E 513	Sulphuric acid
E 514	Sodium sulphate, sodium,
	hydrogen sulphate

#### **Flavour enhancers**

#### E 620 Glutamic acid

- E 621 Monosodium glutamate,
- sodium glutamateE 622Monopotassium glutamate,
- E 623 Calcium diglutamate, calcium glutamate,
- E 624 Monoammonium glutamate, ammonium glutamateE 625 Magnesium diglutamate,
- magnesium glutamate

#### Sweeteners

E 939	Helium
E 941	Nitrogen
E 942	Nitrous oxide
E 948	Oxygen
E 950	Acesulfame K, acesulfame
E 951	Aspartame
E 952	Cyclamate, cyclohexane
	sulphamide acid
E 953	Isomalt
E 954	Saccharin
E 957	Thaumatin
E 959	Neohesperidin DC
E 965	Maltitol, maltitol syrup
E 966	Lactitol
E 0.07	Vulital

- E 967 Xylitol
- E 999 Quillaia extract

E 515	Potassium sulphate,
	potassium hydrogen sulphate
E 516	Calcium sulphate
E 517	Ammonium sulphate
E 520	Aluminium sulphate
E 521	Aluminium sodium sulphate
E 522	Aluminium potassium
	sulphate
E 523	Aluminium ammonium
	sulphate
E 524	Sodium hydroxide
E 525	Potassium hydroxide
E 526	Calcium hydroxide
E 527	Ammonium hydroxide
E 528	Magnesium hydroxide
E 529	Calcium oxide
E 530	Magnesium oxide
E 535	Sodium ferrocyanide
E 536	Potassium ferrocyanide
E 538	Calcium ferrocyanide

E 541	Sodium aluminium
	phosphate, acidic
E 551	Silicon dioxide (silica)
E 552	Calcium silicate
E 553 a	Magnesium silicate,
	magnesium trisilicate
E 553 b	Talc
E 554	Aluminium sodium silicate
E 555	Aluminium potassium silicate
E 556	Aluminium calcium silicate
E 558	Bentonite
E 559	Aluminium silicate (kaolin)
E 570	Stearic acid (fatty acids)
E 574	Gluconic acid
E 575	Glucono-delta-lactone
E 576	Sodium gluconate
E 577	Potassium gluconate
E 578	Calcium gluconate
E 579	Iron-II-gluconate
E 585	Iron-II-lactate

Disodium 5'-ribonucleotide

Glycine and its sodium salts

Bees wax, white and yellow

Polyethylene wax oxidates

E 900 Dimethylpolysiloxane

Candelilla wax

Carnauba wax

vCarbanide

Montanic acid ester

Shellac

Argon

E 635

E 901

E 902

E 903

E 904

E 912

E 914

E 927

E 938

E 640

E 626	Guanylic acid, guanylate
E 627	Disodium guanylate,
	guanylate
E 628	Dipotassium guanylate,
	guanylate
E 629	Calcium guanylate, guanylate
E 630	Inosinic acid, ionisate
E 631	Disodium ionisate, ionisate
E 632	Dipotassium ionisate, ionisate
E 633	Dicalcium ionisate
E 634	Calcium 5'-ribonucleotide

----

E 1105	Lysozyme
E 1200	Polydextrose
E 1201	Polyvinylpyrrolidone
E 1202	Polyvinyl polypyrrolidone
E 1404	Oxidised starch
E 1410	Monostarch phosphate
	(modified starch)
E 1412	Di-starch phosphate
	(modified starch)
E 1413	Phosphatised di-starch
	phosphate (modified starch)
E 1414	Acetylised di-starch
	phosphate (modified starch)

E 1420 Acetylised starch (modified starch)

E 1422	Acetylised di-starch adipate
	(modified starch)
E 1440	Hydroxypropyl starch
	(modified starch)
E 1442	Hydroxypropyl di-starch
	phosphate (modified starch)
E 1450	Starch sodium
	octenylsuccinate
	(modified starch)
E 1505	Triethyl citrate
E 1518	Glycerine triacetate (triacetin)



## **Metal potential sources**

#### Aluminium

Can be found in: Cans, foils, kitchen utensils, window frames and beer kegs

#### Antimony

Can be found in: Batteries, low friction metals and cable sheathing

#### Argon

Can be found in: Welding and light bulbs

#### Arsenic

Can be found in: Rat poisons and insecticides

#### Barium

Can be found in: Paints, fireworks, some medicines and the process of making glass

#### Beryllium

Can be found in: Springs, electrical contacts and spot-welding electrodes

#### Bismuth

Can be found in: Usually mixed with other metals

#### Boron

Can be found in: Clay pots, detergent, glass, flares and fibreglass

#### Bromine

Can be found in: Flame-retardants, water purification systems and dyes

#### Cadmium

Can be found in: Re-chargeable batteries

#### Caesium

Can be found in: Atomic clocks and photoelectric cells

#### Cerium

Can be found in: Air conditioners, computer and ovens

#### Chlorine

Can be found in: Bleach, papermaking, swimming pools

#### Chromium

Can be found in: Stainless steel cutlery, wood preservatives, dyes and pigments

#### Cobalt

Can be found in: Cutting tools and dyes

#### Copper

Can be found in: Electrical generators and motors

#### Dysprosium

Can be found in: Lasers and many alloys

#### Fluorine

Can be found in: Toothpaste and etched glass

#### **Gadolinium** Can be found in: Many alloys

**Gallium** Can be found in: Electronics, alloys and thermometers

#### Germanium

Can be found in: Glass lenses, fluorescent lights, electronics and many alloys

#### **Gold** Can be found in: Jewellery

**Hafnium** Can be found in: Many alloys

#### Holmium Can be found in: Lasers

Indium Can be found in: Electronics and mirrors

#### Iridium

Can be found in: Alloys and materials that need to withstand high temperatures

#### Lead

Can be found in: Lead-acid storage batteries

#### Lithium

Can be found in: Rechargeable nonrechargeable batteries, some medications and alloys

#### Mercury

Can be found in: Batteries, fluorescent lights, felt production, thermometers and barometers

#### Molybdenum

Can be found in: Many alloys

#### Nickel

Can be found in: Stainless steel

#### Palladium

Can be found in: Car exhaust manufacture, dental fillings and jewellery

#### Platinum

Can be found in: Jewellery, decoration and dental work

#### **Radium** Can be found in: Some medicines and

glowing paints

Can be found in: Many alloys and flash photography

**Rhodium** Can be found in: Spark plugs and highly reflective materials

**Rubidium** Can be found in: Many alloys and amalgams

**Ruthenium** Can be found in: Many alloys and corrosion resistant metals

#### Samarium Can be found in: Many alloys and audio equipment

**Silicon** Can be found in: Glass, pottery, computer chips and bricks

**Silver** Can be found in: Jewellery

#### Strontium

Can be found in: Firework production, tin cans (food)

#### Sulphur

Can be found in: Medicines, fertilisers, fireworks and matches

#### Tantalum

Can be found in: Surgical equipment and camera lenses

#### Tin

Can be found in: Alloying metal

#### Titanium

Can be found in: Alloying metal

#### Vanadium

Can be found in: Alloying metal

#### Zinc

Can be found in: Many alloys, paint, fluorescent lights and the process of making plastic

#### Zirconium

Can be found in: Corrosion resistant alloys, magnets and some gem stones



## **Contact Us**

If you have any questions please get in touch with the Check My Body Health team on:

#### info@checkmybodyhealth.com



# Have you enjoyed your experience?

We would love to hear about your experience with Check My Body Health.

Please like, share and leave us a review.





Think before you print. Please consider the environment before printing. We can all do our bit to help the planet.