

Specification Sheet

General Information	
Product name	Vitamin B12
Standard	In house
Specification ref.	PL509405PC
Issue number	1
Date of Issue	01.10.2022
Capsules	Transparent, HPMC size 1
Capsules in package	30
Package	White jars 100 ml with white cap
Form	Powder in capsules
Process used during production	Sieving components, mixing, filling capsules, polishing capsules, labeling, filling dedicated bags with capsules, closing jars, packing according to the document of palletisation..
Suitable for vegetarians / Suitable for vegans	Yes/Yes
Density of material (loose / tapped) [g / cm ³]	0,38 / 0,48
Mass of powder filling the capsules [mg]	240 ± 7%
Mass of capsules [mg]	315 ± 7%
Mass of capsules in package [kg]	0,0094 ± 7%
Country of origin	Poland
Analysis	Specification
Apperance of capsules	Transparent capsules rounded cap and rounded body
Apperance of powder	White, powdery powder
Aroma / Odour	Characteristic
Flavour	Nd
Moisture [%]	≤ 5
Contamination	No
Microbiology	
Enumeration of mesophilic aerobic bacteria	≤ 1x10 ⁴ CFU / g
Enumeration of fungi (molds and yeasts)	≤ 10 ³ CFU / g
Detection of Escherichia coli	Absence in 1 g
Detection of coagulase-positive staphylococci (Staphylococcus aureus and other species)	Absence in 1 g
Detection of Salmonella spp.	Absence in 25 g
Heavy metals	
Cadmium	≤ 1,0 ppm
Lead	≤ 3,0 ppm
Mercury	≤ 0,1 ppm

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List of Ingredients (decreasing value)	
Compound	Function
Microcrystalline cellulose E460i	Bulking agent
Hydroxypropylomethylcellulose	Capsule shell
Magnesium salts of fatty acids E470b	Anti-caking agent
Silicon dioxide E551	Anti-caking agent
Methylcobalamin	Main ingredient

List of Main Ingredients	
Compound	Content in 1 capsule
Vitamin B12	100 mcg (4000 % RWS)

Allergens according to Regulation No. 1169/2011 and its amendments		
Allergen name	Present Yes/No	Additional information
BHA/BHT/Related compounds	No	
Bovine products or by-products	No	
Celery or products thereof	No	
Cereals containing Gluten (Wheat, rye, barley, oats, spelt, kamut or their hydrolysed strains) or products thereof	No	
Crustaceans/Shellfish or products thereof	No	
Eggs or products thereof	No	
Fish or products thereof	No	
Milk or Milk products (including lactose)	No	
Mustard seed or products thereof	No	
Nuts or products thereof	No	
Peanuts or products thereof	No	
Sesame seeds or products thereof	No	
SO ₂ or Sulphate at concentration over 10mg/kg	No	
Soya beans or products thereof	No	
Molluscs or products thereof	No	
Lupin or products thereof	No	

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Additional information

Instruction of use: A 1 capsule should be taken with plenty of water. Do not exceed the recommended daily dose.

Expiry date: 24 months from the production date.

Storage conditions: Store the finished product in a sealed package in a dry place, away from direct sunlight, under 25 °C and under moisture of 75%. Keep out of reach of small children.

Transport conditions: the product must be transported in a clean and dry vehicle that has been approved for food transport.

Regulatory Statements:

GMO Status: This product is GMO FREE in accordance with EU Regulations 1829/2003 and 1830/2003.

Irradiation Status: This product has not been irradiated in accordance with EU directive 1999/2/EC of 22 February 1999 concerning foods and food ingredients treated with ionisation radiation.

Nano materials: This material is not produced using Nanotechnology and is free from Nano-particles, and so complies with EU regulations 1169/2011 and 2015/2283.

Contaminants: The product and its ingredients meet the requirements for maximum permitted levels of contaminants in foodstuffs laid down in Regulation No. 1881/2006, as amended.

Packaging: The primary packaging used for the blends manufactured at Global Blend are suitable for contact with food and in compliance with EC regulation 1935/ 2004 and its amendments thereof.

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