



Technical Data Sheet

Vitamin B12 Methylcobalamin P. 98.5-101.0%
Vitamin B12 Methylcobalamin P. 98.5-101.0% (15960)

PRODUCT INFORMATION

Scientific name	Vitamin B12 Methylcobalamin	CAS	13422-55-4
According as	JP XVII and in house standard		
Origin	China		

ITEM	SPECIFICATION	METHOD
Assay	98.5%-101.0%	JP monograph
Appearance*	Dark Red Crystals or Crystalline Powder	JP monograph Visual Method
Identification	(1) UV: Compare the spectrum with the reference spectrum, Both spectra exhibit similar intensities of absorption at the same wavelengths. (2) Cobalt: Meets JP requirement	JP monograph/JP <2.24>
Acetone	≤5000pprn	In House/(GC)
Clarity and color of solution	Tile solution is clear and red color	JP monograph
Related substances	Each area of the peaks other than mecobalamin is not more than 0.5% of the peak area of mecobalamin. "The total area of the peaks other than mecobalamin is not more than 2.0%"	JP monograph/JP <2.01 >
Water	≤11.5%	JP monograph/JP <2.48>

*The color may vary

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <1,000 cfu/g, TYMC <100 cfu/g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
Unintentional contact (traces) in the supply chain cannot be excluded.	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Cosmetic quality	Complies with all requirements for cosmetics in Germany and the EU
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store at room temperature in the original container, keep away from moisture and light
Shelf Life	2 years if sealed and properly stored
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All above information according to the manufacturer

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