



Technical Data Sheet

Vitamin B12 Hydroxocobalamin Chlorid P. (18887)
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PRODUCT INFORMATION

Name	Hydroxocobalamin Chloride, Vitamin B12 powder
CAS-No.	59461-30-2
Origin	China

ITEM	SPECIFICATION	METHOD
Assay	96.0-102.0%	Ph. Eur. monograph Ph.Eur.<2.2.25>
Appearance*	Dark red crystals or crystalline powder	Visual
Identification A	UV: Absorption maxima at 274±1nm, 351±1nm & 525±2nm A274nm/A351nm: 0.75-0.83 A525nm/A351nm: 0.31-0.35	Ph. Eur. monograph Ph.Eur.<2.2.25>
Identification B	TLC: The principal spot in the chromatogram obtained with the test solution is similar in position, colour and size to the principal spot in the chromatogram obtained with the reference solution	Ph. Eur. monograph Ph.Eur.<2.2.25>
Identification C	Chlorides: It gives reaction (a) of chlorides	Ph. Eur. monograph <2.3.1> Chlorides (a)
Loss on Drying	8.0-12.0%	Ph. Eur. monograph Ph.Eur.<2.2.32>
Related substances	≤5%	Ph. Eur. monograph Ph.Eur.<2.2.29> (HPLC)
Acetone	5.000ppm	GC

*The color may vary

STATEMENTS

Food Quality and Safety	Only for food supplements
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
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.	
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
Document status template	24.06.2024
Issue date	15.11.2024

All above information according to the manufacturer / supplier

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