



Technical Data Sheet

Vitamin B7 D-Biotin 97,5 - 102 % C. P. Vitamin B7 D-Biotin 97,5 - 102 % P.

PRODUCT INFORMATION

Test Standard	USP 42
Origin	China
Carrier (name of carrier)	None

ITEM	SPECIFICATION	METHOD
Assay	97,5%~102%	
Appearance*	White to whitelike crystalline	
Identification	Should meet the requirements	
Loss on Drying	≤2.0%	
Total Ash	≤0.1%	
Specific Rotation	89.0°~+93.0°	
Melting range(°C)	229°C~232°C	
Solution color and clarity	Solution clarity and the samples should be light in color standard	
(HPLC)Single impurities	≤1.0%	
(HPLC)Total impurities	≤2.0%	

*The color may vary

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Mycotoxins	According to Reg. (EC) 1881/2006 and amendments
Heavy Metals	According to Reg. (EC) 1881/2006, 629/2008: Cd<1ppm, Hg<0.1ppm, Pb<3ppm
Preservative	Preservative Free Conforms
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 2008/839
Polycyclic Aromatic Hydrocarbons (PAH)	According to Reg. (EC) 1933/2015: PAH 4- Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene: <50µg/kg Benzo(a)pyrene: <10µg/kg
Microbiology	Bacterial Count: TAMC-Bacteria<1,000cfu/g, TYMC<100cfu/g, Salmonella absent in 10g, Escherichia Coli absent in 1g
GMO	Not Detectable, GMO Free
ETO	Non-ETO Conforms
Vegan	Vegan Conforms
Sterilization Method	High Temperature and Pressure Conforms
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1992/2 and 1993/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen Labeling	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Pyrrolizidine Alkaloids	in compliance with Reg. (EC) 2020/2040
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004
Shelf Life	Remaining validity of at least 80% of the overall life of the reference

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored

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