



Specification

Concerning Product:	
Article number	58855NPEL
Trade name / designation / denomination	Vitamin B7 (D-Biotin), rein, Ph.Eur.
CAS number	58-85-5
Other names / synonyms	•5-(2-oxo-1,3,3a,4,6,6a-hexahydrothieno[3,4-d]imidazol-4-yl)pentanoic acid; •Biotine 2%; •Biotine pure; •biotin; •vitamin H;
EC number	200-399-3
Customs tariff number / CN code / TARIC	29362900
Molecular weight [g / mol]	244.31064
Formula	C ₁₀ H ₁₆ N ₂ O ₃ S

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear and colourless	
Appearance	white or almost white, crystalline powder or colourless crystals	
Physical parameter		
Loss on drying	≤ 1,0	%
Specific Optical Rotation	89 – 93	°
Solubility	very slightly soluble in water and in alcohol, practically insoluble in acetone, it dissolves in dilute solutions of alkali hydroxides	
Identity		
Assay	98,5 – 101,0	%
Identification	complies	
Impurities		
Sulphated ash	≤ 0,1	%
Related substances	complies	% [w/w]
Microbiological data		
Aerobic microorganisms	≤ 1000	CFU/g
Escherichia Coli.	not detectable in 1 g	
Salmonella	not detectable in 25 g	
Yeast and Mould	≤ 200	CFU/g

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

Supplemental information:

Shelf life: 36 month

Derivation: synthetic

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C.

Usage: The product is suitable for a vegetarian nutrition.
The product is suitable for a vegan nutrition.
The product is suitable for lactose intolerance diet.
The product is suitable for people with coeliac disease and sprue.
The product is in compliance with Jewish dietary laws.
The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Dec. 2019

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