



## Spezifikation

Produktbezug:	
Produktnummer	58855CPUL2
Handelsname / Bezeichnung	D-Biotin 2% USP
CAS Nummer	58-85-5
Andere Bezeichnungen / Synonyme	•biotin; •Biotin 2%; •Biotine 2%; •Biotin pur; •Biotine pure; •Vitamin H; •vitamin H; •5-(2-oxo-1,3,3a,4,6,6a- hexahydrothieno[3,4-d]imidazol-4-yl)pentanoic acid; •Biotin;
EG Nummer	200-399-3
Zolltarifnummer / CN- Code	29362900
Molekulargewicht [g/mol]	244.31064
Formel	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Farbe	weiß bis fast weiß	
<b>Physikalische Parameter</b>		
Trocknungsverlust	≤ 0,5	%
Spezifische optische Drehung	+89 – +93	°
<b>Identifikation</b>		
Gehalt	≥ 2,0	%
Identifizierung	IR Spektrum entspricht	
<b>Mikrobiologische Daten</b>		
Escherichia Coli.	≤ 30	MPN/100g
Salmonellen	neg.	
Staphylococcus Aureus	neg.	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g

## Partikelgrößenverteilung

Partikel	> 80 mesh: ≤ 100	%
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### Regulatorische Informationen:

**Restlösemittel:** Benzene: ≤ 2 ppm

DMSO: ≤ 5000 ppm

Toluene: ≤ 100 ppm

### Zusätzliche Angaben:

**Mindesthaltbarkeit:** 24 mon.

**Lagerbedingungen:** An einem kühlen und trockenen Ort.

**Entspricht der Monographie:** USP34

**Verpackung:** 25 kg Trommel

**regionaler Ursprung:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Apr. 2019

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