



Spezifikation

Produktbezug:	
Produktnummer	25105
Handelsname / Bezeichnung	Folsäure
CAS Nummer	59-30-3
Andere Bezeichnungen / Synonyme	•Folsäure; •folic acid; •(2S)-2-[[[4-[(2-amino-4-oxo-1H-pteridin-6-yl)methylamino]phenyl]-oxomethyl]amino]pentanedioic acid;
EG Nummer	200-419-0
Zolltarifnummer / CN- Code	29362900
Molekulargewicht [g/mol]	441,4
Formel	C ₁₉ H ₁₉ N ₇ O ₆

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	gelbes oder oranges kristallines Pulver	
Physikalische Parameter		
Trocknungsverlust	5,0 – 8,5	%
Löslichkeit	entspricht den Anforderungen	
Identifikation		
Gehalt	≥ 96	%
Identifizierung	A (spezifische optische Drehung): + 18 – + 22	
Identifizierung	B (durch HPLC): Der Hauptpeak im Chromatogramm der Testlösung ist in der Retentionszeit ähnlich dem Hauptpeak im Chromatogramm der Referenzlösung (a).	
Verunreinigungen		
Sulphatasche	≤ 0,2	%
Verwandte Substanzen	andere Verunreinigungen gesamt: ≤ 1,0	% [w/w]
Verwandte Substanzen	andere Verunreinigungen: ≤ 0,5	% [w/w]
Verwandte Substanzen	Verunreinigung A: ≤ 0,5	% [w/w]
Verwandte Substanzen	Verunreinigung D: ≤ 0,6	% [w/w]

Zusätzliche Angaben:

Freigabe des Herstellers:

2018-10-11

Mindesthaltbarkeit:

2 Jahre

Entspricht der Monographie:

EP 9

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Oct. 2018

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