



Specification

Concerning Product:	
Article number	25105
Trade name / designation / denomination	Folsäure
CAS number	59-30-3
Other names / synonyms	•folic acid; •(2S)-2-[[[4-[(2-amino-4-oxo-1H-pteridin-6-yl)methylamino]phenyl]-oxomethyl]amino]pentanedioic acid;
EC number	200-419-0
Customs tariff number / CN code / TARIC	29362900
Molecular weight [g / mol]	441,4
Formula	C ₁₉ H ₁₉ N ₇ O ₆

Parameter	Specification	Unit
Organoleptic test		
Appearance	yellow or orange crystalline powder	
Physical parameter		
Loss on drying	5,0 – 8,5	%
Solubility	meet the requirement	
Identity		
Assay	≥ 96	%
Identification	A (Specific optical rotation): + 18 – + 22	
Identification	B (by HPLC): The principal peak in the chromatogram obtained with the test solution is similar in retention time to the principal peak in the chromatogram obtained with reference solution (a).	
Impurities		
Sulphated ash	≤ 0,2	%
Related substances	any other impurity: ≤ 0,5	% [w/w]
Related substances	Impurity A: ≤ 0,5	% [w/w]
Related substances	Impurity D: ≤ 0,6	% [w/w]
Related substances	total of other impurities: ≤ 1,0	% [w/w]

Supplemental information:

Released by manufacturer:
2018-10-11

Shelf life:
2 years

Complies with monographie:
EP 9

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Oct. 2018

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