



## Specification

Concerning Product:	
Article number	59303V02
Trade name / designation / denomination	Vitamin B9 (Folsäure), USP
CAS number	59-30-3
Other names / synonyms	•(2S)-2-[[[4-[(2-amino-4-oxo-1H-pteridin-6-yl)methylamino]phenyl]-oxomethyl]amino]pentanedioic acid; •folic acid;
EC number	200-419-0
Customs tariff number / CN code / TARIC	29362900
Molecular weight [g / mol]	441,4
Formula	C19H19N7O6

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Appearance	USP2024	Yellow, yellow-brownish, or yellowish-orange, crystalline powder	
<b>Physical parameter</b>			
Water content	USP2024	≤ 8,5	%
<b>Identity</b>			
Assay	USP2024	on dry basis 97,0 – 102,0	%
Identification	USP2024	Ratio: A256/A365: 2,80 – 3,00	
<b>Impurities</b>			
Residue on ignition	USP2024	≤ 0,3	%
Related substances	USP2024	≤ 2,0	% [w/w]
<b>Residual Solvents</b>			
Residual solvents		No solvent is used or produced in the manufacture of the product.	

<b>Elemental Impurities</b>			
Arsenic (As)	AAS, in-house	≤ 0,5	mg/kg
Cadmium (Cd)	AAS, in-house	≤ 0,5	mg/kg
Mercury (Hg)	AAS, in-house	≤ 0,1	mg/kg
Lead (Pb)	AAS, in-house	≤ 0,5	mg/kg
<b>Microbiological data</b>			
Aerobic microorganisms	ChP	TAMC ≤ 100	CFU/g
Escherichia Coli.	ChP	neg.	
Salmonella	ChP	neg.	
Staphylococcus Aureus	ChP	neg.	
Yeast and Mould	ChP	(TYMC): ≤ 10	CFU/g

**Supplemental information:**

**Shelf life:** 3 years

**Storage conditions:** Preserve in well-closed, light-resistant containers

**Complies with monographie:** USP2024

**Regional origin:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Jul. 2025

LF-Basis: (2024-12-12)

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