



## Specification

Concerning Product:	
Article number	59303CPE
Trade name / designation / denomination	Folsäure EP
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	C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub>

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	yellowish or orange crystalline powder	
<b>Physical parameter</b>		
Loss on drying	5,0 – 8,5	%
Solubility	practically insoluble in water and in most organic solvents. It dissolves in dilute acids and in alkali hydroxide solution	
<b>Identity</b>		
Assay	96,0 – 102,0	%
Identification	certified	
<b>Impurities</b>		
Sulphated ash	≤ 0,2	%
Impurity	A: ≤ 0,5	%
Impurity	Any other: ≤ 0,5	%
Impurity	D: ≤ 0,6	%
Impurity	Total of other impurities; ≤ 1,0	%

### **Supplemental information:**

**Derivation:** Food, Feed and veterinary

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

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Dec. 2019

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