



Specification

Concerning Product:	
Article number	5905522V01
Trade name / designation / denomination	Eisen(II)-lactat-3-hydrat, Pulver, E-585
CAS number	5905-52-2
Other names / synonyms	•2-hydroxypropanoate; iron(2+); •iron dilactate;
EC number	227-608-0
Customs tariff number / CN code / TARIC	29181100
Molecular weight [g / mol]	233.985
Formula	C ₆ H ₁₀ FeO ₆

Parameter	Specification	Unit
Organoleptic test		
Appearance	powder	
Colour	greenish white	
Physical parameter		
Loss on drying	(100°C/Vak.) ≤ 18,0	%
pH value	(2%) 4,0 – 6,0	
Identity		
Assay	on dry basis ≤ 96	%
Impurities		
Impurity	Iron(III) ≤ 0,6	%
Elemental Impurities		
Arsenic (As)	≤ 3,0	mg/kg
Cadmium (Cd)	≤ 1,0	mg/kg
Mercury (Hg)	≤ 1,0	mg/kg
Lead (Pb)	≤ 1,0	mg/kg

Supplemental information:

Usage: meets the purity criteria E-585

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. May. 2025

LF-Basis: 6434/12 (2025-01-22)

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