



Specification

Concerning Product:	
Article number	87694MN
Trade name / designation / denomination	Weinsäure, natürlich L(+)-Tartaric Acid, natural
CAS number	87-69-4
Other names / synonyms	+(-)-tartaric acid;
EC number	201-766-0
Customs tariff number / CN code / TARIC	29181200
Causes serious eye damage.	
Wear protective gloves/protective clothing/eye protection/face protection.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance of solution	Ph.Eur. 2.2.2 Method II	Solution S is not more intensely coloured than reference solution Y6	
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Appearance of solution	Ph.Eur. 2.2.1	The solution S is clear (≤ 3NTU).	
Appearance of solution	Ph.Eur. 2.2.1	The solution S is clear: ≤ 3	NTU
Discription	PH.Eur. IX	A white or almost white, crystalline powder or colourless crystals, very soluble in water, freely soluble in alcohol.	
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Physical parameter			
Loss on drying	PH.Eur. IX	≤ 0,2	%
Loss on drying	PH.Eur. IX	≤ 0.20	%
Specific Optical Rotation	Ph.Eur. 2.2.7	12 – 12,8	
Specific Optical Rotation	Ph.Eur. 2.2.7	12.0 – 12.8	
Identity			
Assay	USP. XL. - NF35	99,7 – 100,5	%
Assay	USP. XL. - NF35	99,7 – 100,5	%
Identification	PH.Eur. 2.2.4 - 2.3.1	Meets identification test.	
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Impurities			
Heavy Metals (as Pb)	PH.Eur.2.4.8 Test C	≤ 10	ppm
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Oxalate (as anhydros Oxalic Acid)	Ph.Eur.	≤ 100	ppm
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Sulphated ash	Ph.Eur. 2.4.14	≤ 0,05	%
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Sulphates (SO ₄)	Ph.Eur. 2.4.13	≤ 150	ppm
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Residual Solvents			
Residual solvents	U.S.P XL. NF35	Total absence in the manufacturing process	
Residual solvents	U.S.P XL. NF35	Total absence in the manufacturing process, ≤ 0	
Elemental Impurities			
Arsenic (As)	J.P.XII	≤ 1	ppm
Arsenic (As)	J.P.XII	≤ 1	ppm
Calcium (Ca)	Ph.Eur 2.4.3	≤ 200	ppm
Calcium (Ca)	Ph.Eur 2.4.3	≤ 200	ppm
Cadmium (Cd)		≤ 1	ppm
Cadmium (Cd)		≤ 1	ppm
Chlorides (Cl)	Ph.Eur. 2.4.4	≤ 100	ppm
Chlorides (Cl)	Ph.Eur. 2.4.4	≤ 100	ppm
Iron (Fe)	Our own limit	≤ 5	ppm
Iron (Fe)	Our own limit	≤ 5	ppm
Mercury (Hg)	Reg.(UE) N 231/2012	≤ 1	ppm
Mercury (Hg)	Reg.(UE) N 231/2012	≤ 1	ppm
Lead (Pb)	F.C.C.X	≤ 2	ppm
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Supplemental information:

Shelf life: 5 Jahre

5 years

5 years

Complies with monographie: Ph.Eur.IX - USP, XL-NF35 - FCC.X -JP XVII-Reg.(UE) N.231/2012

Conclusion: The product meets the requirement of the following pharmacopoeia: Ph.Eur.IX - USP, XL-NF35 - FCC.X -JP XVII-Reg.(UE) N.231/2012

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 18. Jun. 2018

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not