



Specification

Concerning Product:	
Article number	22580
Trade name / designation / denomination	Chinasäure Quinic Acid
CAS number	77-95-2
Other names / synonyms	•(-)-1,3,4,5-tetrahydroxycyclohexanecarboxylic acid; •1,3,4,5-tetrahydroxycyclohexanecarboxylic acid; •Quinic Acid;
EC number	201-072-8
Customs tariff number / CN code / TARIC	29181998

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear	
Appearance	White or almost white or colourless, fine, silky needles, often in clusters	
Physical parameter		
Loss on drying	≤ 2	%
Specific Optical Rotation	(on dry basis, c = 10.0 in H ₂ O, [α] _{20D}) -42 – -45	°
Identity		
Assay	(on dry basis) 98 – 101	%
Identification	passes test	
Melting Point (identity)	162 – 166	°C
Impurities		
Sulphated ash	≤ 0,1	%
Sulphates (SO ₄)	≤ 500	ppm
Residual Solvents		
Residual solvents	meets the pharmacopoeial requirements	
Elemental Impurities		
Calcium (Ca)	no turbidity produced	%

Supplemental information:

Shelf life: 5 years

Storage conditions: Store in the original packaging to protect from light. No specific temperature requirements.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 23. Jan. 2023

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