

neoFroxx GmbH

Marie-Curie-Str. 3
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www.neofroxx.com

Specification

Product	Acetic acid 100 % pure EP, USP (pharma grade)
Product number	LC-7006
CAS number	64-19-7
Synonyms	Acetic acid glacial
Formula	$C_2H_4O_2$ / CH_3COOH
Molecular weight	60.05 g/mol
Storage	below 25°C
Retest period (months)	48

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP) and US Pharmacopoeia (USP).

TSE/BSE declaration: The product is manufactured wholly from synthetic and / or vegetable materials and doesn't contain any raw materials produced from or substances derived of animal origin. Therefore it is TSE-BSE risk-free.

Parameter	Specification
Assay (USP)	99.5 - 100.5 %
Assay (EP)	99 - 100.5 %
Identity (USP, EP)	passes test
Appearance (EP)	crystalline mass or clear, colourless, volatile liquid (revised)
Solubility (EP)	passes test
Non-volatile matter (USP)	passes test
Organic impurities (USP)	passes test
Reducing substances (EP)	passes test
Chloride (USP)	passes test
Chloride (EP)	≤ 0.0025 %
Sulfate (USP)	passes test
Sulfate (EP)	≤ 0.005 %
Iron (EP)	≤ 0.0005 %
Congealing temperature (USP)	$\leq 15.6^\circ C$
Freezing point (EP)	$\geq 14.8^\circ C$

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Specification

Product	Acetic acid 100 % pure EP, USP (pharma grade)
Parameter	Specification
Residue on evaporation (EP)	<= 0.01 %

Einhausen, 24.09.2024