

## neoFroxx GmbH

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## Specification

<b>Product</b>	<b>Acetic acid 100 % pure EP, USP (pharma grade)</b>
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Product number	LC-7006 (revised)
Synonym(s)	Acetic acid glacial
Formula	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> / CH <sub>3</sub> COOH
Molecular weight	60.05 g/mol
CAS number	64-19-7
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (USP)	99.5 - 100.5 %
Assay (EP)	99.0 - 100.5 %
Identity (USP, EP)	passes test
Appearance (EP)	passes test
Solubility (EP)	passes test
Limit of non-volatile residue (USP)	passes test
Organic impurities (USP)	passes test
Reducing substances (EP)	passes test
Chloride (USP)	passes test
Chloride (EP)	max. 0.0025 %
Sulfate (USP)	passes test
Sulfate (EP)	max. 0.005 %
Iron (EP)	max. 0.0005 %
Congealing temperature (USP)	max. 15.6°C
Freezing point (EP)	min. 14.8°C
Residue on evaporation (EP)	max. 0.01 %

Einhausen, 02.01.2024 (revised)