

Certificate of Analysis

Product Name:

Acetic acid glacial PurReagent, ≥99.5%

Product No.: PSR6419
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 64-19-7
Molecular Formula: C₂H₄O₂
Molecular Weight: 60.05 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (by GC)	≥ 99.5 %	99.7 %
Acetic anhydride	NMT 0.01 %	< 0.01 %
Titration base	NMT 0.0004 meq/g	< 0.0004 meq/g
Chloride (Cl)	NMT 1 ppm	< 1 ppm
Sulphate (SO ₄)	NMT 1 ppm	< 1 ppm
Heavy metals (As Pb)	NMT 0.5 ppm	< 0.5 ppm
Substances reducing K ₂ Cr ₂ O ₇	Passes test	Confirms
Substances reducing KMnO ₄	Passes test	Confirms
Residue on Evaporation	NMT 0.001 %	< 0.001 %
Iron (Fe)	NMT 0.2 ppm	< 0.2 ppm

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications
The current Specification sheet may be available at www.pure-synth.com
Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com