

Certificate of Analysis

Product : Acetic Acid
Catalog# : C1031
CAS : 64-19-7
Formula : CH₃CO₂H
MW : 60.05
Grade : ACS
Lot/Batch# : DS-XXXXXX
Manufacture Date : MM/YYYY
Batch Size : xxxx kg
Country of Origin: : xxxxx
Retest Date : MM/YYYY

Analytical Results

TEST	SPECIFICATIONS	TYPICAL RESULTS
APPEARANCE (COLOR)	COLORLESS	COLORLESS
APPEARANCE (FORM)	LIQUID	LIQUID
COLOR (IN APHA)	≤ 10 APHA	< 10 APHA
TITRATABLE BASE	≤ 0.0004 MEQ/G	< 0.0004 MEQ/G
PURITY (GC AREA %)	≥ 99.70 %	> 99.99 %
REMARKS ON GC	≤ 0.01% ACETIC ANHYDRIDE	< 0.01 %
DILUTION TEST	PASS	PASS
RESIDUE (EVAPORATION)	≤ 0.001 %	< 0.0005 %
REDUCING SUBSTANCES	PASS (DICHROMATE AND PERMANGANATE)	PASS
HEAVY METALS	≤ 0.5 PPM (BY ICP)	< 0.5 PPM
ACS SPECIFICATIONS	MEETS CURRENT ACS REQUIREMENTS	CONFORMS
CHLORIDE (CL)	≤ 1 PPM	< 1 PPM
SULFATE (SO ₄)	≤ 1 PPM	< 1 PPM
IRON	≤ 0.2 PPM	< 0.2 PPM

Verified By

HL Laterre

Helen Laterre