



Certificate of Analysis.

Acetic acid for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS, >99%

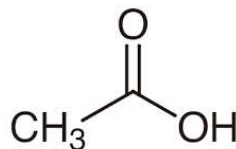
Product Code:	BS13756.
Description:	Acetic acid for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS, >99%.
Chemical Name:	Ethanoic acid.
Pack Size:	100 ml.
CAS NO.:	64-19-7.
Mol. Weight:	60.05 g/mol.
Mol. Formula:	C₂H₄O₂.
MDL Number:	MFCD00036152.
Melting Point:	16.64 °C.
Boiling point:	118 °C.
Density:	1.04 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Measured Values
Appearance:	Clear Colorless liquid.	Lot specific.
Non Volatiles:	<0.0005%.	Lot specific.
Silver (Ag):	0.01 ppm.	Lot specific.
Aluminium (Al):	0.05 ppm.	Lot specific.
Arsenic (As):	0.01 ppm.	Lot specific.
Barium (Ba):	0.01 ppm.	Lot specific.
Beryllium (Be):	0.01 ppm.	Lot specific.
Bismuth (Bi):	0.1 ppm.	Lot specific.
Calcium (Ca):	0.2 ppm.	Lot specific.
Cadmium (Cd):	0.05 ppm.	Lot specific.
Cobalt (Co):	0.01 ppm.	Lot specific.
Chloride (Cl):	0.5 ppm.	Lot specific.
Chromium (Cr):	0.02 ppm.	Lot specific.
Copper (Cu):	0.01 ppm.	Lot specific.
Iron (Fe):	0.1 ppm.	Lot specific.
Germanium (Ge):	0.05 ppm.	Lot specific.
Potassium (K):	0.1 ppm.	Lot specific.



Lithium (Li):	0.01 ppm.	Lot specific.
Magnesium (Mg):	0.1 ppm.	Lot specific.
Manganese (Mn):	0.01 ppm.	Lot specific.
Molybdenum (Mo):	0.02 ppm.	Lot specific.
Sodium (Na):	0.5 ppm.	Lot specific.
Nickel (Ni):	0.02 ppm.	Lot specific.
Lead (Pb):	0.02 ppm.	Lot specific.
Strontium (Sr):	0.01 ppm.	Lot specific.
Titanium (Ti):	0.1 ppm.	Lot specific.
Thallium (Tl):	0.05 ppm.	Lot specific.
Vanadium (V):	0.01 ppm.	Lot specific.
Zinc (Zn):	0.05 ppm.	Lot specific.
Zirconium (Zr):	0.1 ppm.	Lot specific.
Phosphate (PO ₄):	<0.00005%.	Lot specific.
Sulfate (SO ₄):	<0.00005%.	Lot specific.
Acetaldehyde:	<0.0002%.	Lot specific.
Acetic Anhydride:	<0.01%.	Lot specific.
Indifference against Chromate:	Passes test.	Lot specific.
Reducing Substances:	<0.002% (permanganate).	Lot specific.
Water:	<0.15%.	Lot specific.
Colour:	< 5 APHA.	Lot specific.
Residue after Evaporation:	<0.001%.	Lot specific.
Heavy Metals as Lead (Pb):	<0.00005%.	Lot specific.
Alkalinity:	<0.0004meq/g.	Lot specific.
Purity by GC:	>99%.	Lot specific.

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




Dr. K. Deepti.
Technical Head.

