



## Certificate of Analysis.

### Acetone for trace metal speciation analysis, LC-ICP MS

Product code:	<b>BS13782.</b>
Description:	<b>Acetone for trace metal speciation analysis, LC-ICP MS.</b>
Chemical Name:	<b>Propanone.</b>
Pack:	<b>1 lit.</b>
CAS NO.:	<b>67-64-1.</b>
Mol. Weight:	<b>58.08 g/mol.</b>
Mol. Formula:	<b>C<sub>3</sub>H<sub>6</sub>O.</b>
MDL Number:	<b>MFCD00008765.</b>
Melting point:	<b>-95°C.</b>
Boiling Point:	<b>56°C.</b>
Density:	<b>0.79 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	Colorless clear liquid.	<b>Lot specific.</b>
water (Karl Fischer):	Max. 0.20 %.	<b>Lot specific.</b>
refractive Index:	n <sub>20</sub> /D 1.359(lit.).	<b>Lot specific.</b>
silver (Ag):	Max. 0.5 ppb.	<b>Lot specific.</b>
aluminium (Al):	Max. 1 ppb.	<b>Lot specific.</b>
arsenic (As):	Max. 1 ppb.	<b>Lot specific.</b>
gold (Au):	Max. 0.5 ppb.	<b>Lot specific.</b>
barium (Ba):	Max. 0.5 ppb.	<b>Lot specific.</b>
beryllium (Be):	Max. 0.5 ppb.	<b>Lot specific.</b>
bismuth (Bi):	Max. 0.5 ppb.	<b>Lot specific.</b>
calcium (Ca):	Max. 20 ppb.	<b>Lot specific.</b>
cadmium (Cd):	Max. 0.5 ppb.	<b>Lot specific.</b>
cerium (Ce):	Max. 0.5 ppb.	<b>Lot specific.</b>
cobalt (Co):	Max. 0.5 ppb.	<b>Lot specific.</b>
chromium (Cr):	Max. 1 ppb.	<b>Lot specific.</b>
cesium (Cs):	Max. 0.5 ppb.	<b>Lot specific.</b>
copper (Cu):	Max. 1 ppb.	<b>Lot specific.</b>
iron (Fe):	Max. 5 ppb.	<b>Lot specific.</b>
gallium (Ga):	Max. 0.5 ppb.	<b>Lot specific.</b>

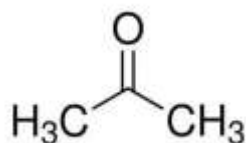


germanium (Ge):	Max. 0.5 ppb.	<b>Lot specific.</b>
indium (In):	Max. 0.5 ppb.	<b>Lot specific.</b>
iridium (Ir):	Max. 0.5 ppb.	<b>Lot specific.</b>
potassium (K):	Max. 10 ppb.	<b>Lot specific.</b>
lithium (Li):	Max. 0.5 ppb.	<b>Lot specific.</b>
magnesium (Mg):	Max. 1 ppb.	<b>Lot specific.</b>
manganese (Mn):	Max. 0.5 ppb.	<b>Lot specific.</b>
molybdenum (Mo):	Max. 0.5 ppb.	<b>Lot specific.</b>
sodium (Na):	Max. 20 ppb.	<b>Lot specific.</b>
nickel (Ni):	Max. 1 ppb.	<b>Lot specific.</b>
lead (Pb):	Max. 0.5 ppb.	<b>Lot specific.</b>
palladium (Pd):	Max. 0.5 ppb.	<b>Lot specific.</b>
platinum (Pt):	Max. 0.5 ppb.	<b>Lot specific.</b>
rubidium (Rb):	Max. 0.5 ppb.	<b>Lot specific.</b>
rhodium (Rh):	Max. 0.5 ppb.	<b>Lot specific.</b>
ruthenium (Ru):	Max. 0.5 ppb.	<b>Lot specific.</b>
antimony (Sb):	Max. 0.5 ppb.	<b>Lot specific.</b>
selenium (Se):	Max. 1 ppb.	<b>Lot specific.</b>
tin (Sn):	Max. 0.5 ppb.	<b>Lot specific.</b>
strontium (Sr):	Max. 0.5 ppb.	<b>Lot specific.</b>
titanium (Ti):	Max. 1 ppb.	<b>Lot specific.</b>
thallium (Tl):	Max. 0.5 ppb.	<b>Lot specific.</b>
vanadium (V):	Max. 0.5 ppb.	<b>Lot specific.</b>
zinc (Zn):	Max. 5 ppb.	<b>Lot specific.</b>
zirconium (Zr):	Max. 0.5 ppb.	<b>Lot specific.</b>
bromide (Br):	Max. 10 ppb.	<b>Lot specific.</b>
chloride (Cl):	Max. 25 ppb.	<b>Lot specific.</b>
fluoride (F):	Max. 10 ppb.	<b>Lot specific.</b>
iodide (I):	Max. 10 ppb.	<b>Lot specific.</b>
nitrite (NO <sub>2</sub> ):	Max. 10 ppb.	<b>Lot specific.</b>
nitrate (NO <sub>3</sub> ):	Max. 25 ppb.	<b>Lot specific.</b>
phosphate (PO <sub>4</sub> ):	Max. 10 ppb.	<b>Lot specific.</b>
sulfate (SO <sub>4</sub> ):	Max. 50 ppb.	<b>Lot specific.</b>
aldehydes (as HCHO):	Max. 10 ppm.	<b>Lot specific.</b>
methanol (GC):	Max. 0.05 %.	<b>Lot specific.</b>
2-propanol (GC):	Max. 0.05 %.	<b>Lot specific.</b>
Purity by GC:	≥99.9%.	<b>Lot specific.</b>





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.



A handwritten signature in blue ink, appearing to read 'K. Deepti'.

**Dr. K. Deepti.**  
**Technical Head.**



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