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PRODUCT SPECIFICATION

Product Description	Acetone MOS Grade
Product Code	ACE110-2.5P, ACE110-25P, ACE110-25M
Synonyms	dimethyl ketone, propan-2-one
Molecular Formula	C ₃ H ₆ O
Molecular Weight	58.08
CAS Number	67-64-1

TEST	UNIT	SPECIFICATION
Assay (by GC)	%	≥ 99.5
Titration Acid	meq/g	≤ 0.0003
Titration Base	meq/g	≤ 0.0006
Permanganate Time		Pass
Solubility in water		Pass
Water by Karl Fisher	%	≤ 0.5
Residue after Evaporation	ppm	≤ 5
Trace Impurities		
Aluminum (Al)	ppb	≤ 50
Arsenic and Antimony (as As)	ppb	≤ 5
Barium (Ba)	ppb	≤ 20
Beryllium (Be)	ppb	≤ 10
Bismuth (Bi)	ppb	≤ 20
Boron (B)	ppb	≤ 10
Cadmium (Cd)	ppb	≤ 10
Calcium (Ca)	ppb	≤ 25
Chromium (Cr)	ppb	≤ 10
Cobalt (Co)	ppb	≤ 10
Copper (Cu)	ppb	≤ 10
Gallium (Ga)	ppb	≤ 10
Germanium (Ge)	ppb	≤ 10
Gold (Au)	ppb	≤ 20
Iron (Fe)	ppb	≤ 20
Lead (Pb)	ppb	≤ 10
Lithium (Li)	ppb	≤ 10
Magnesium (Mg)	ppb	≤ 20
Manganese (Mn)	ppb	≤ 10
Molybdenum (Mo)	ppb	≤ 10

Nickel (Ni)	ppb	≤ 10
Niobium (Nb)	ppb	≤ 50
Potassium (K)	ppb	≤ 10
Silicon (Si)	ppb	≤ 50
Silver (Ag)	ppb	≤ 10
Sodium (Na)	ppb	≤ 10
Strontium (Sr)	ppb	≤ 10
Tantalum (Ta)	ppb	≤ 50
Thallium (Tl)	ppb	≤ 10
Tin (Sn)	ppb	≤ 20
Titanium (Ti)	ppb	≤ 10
Vanadium (V)	ppb	≤ 10
Zinc (Zn)	ppb	≤ 20
Zirconium (Zr)	ppb	≤ 10

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