



Specification for Acetone, Spectrophotometric Grade, ACS (SP101)

Item Number	SP101
Item	Acetone, Spectrophotometric Grade, ACS
CAS Number	67-64-1
Molecular Formula	C ₃ H ₆ O
Molecular Weight	58.08
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (C ₃ H ₆ O)	99.5 %	
SOLUBILITY IN WATER	TO PASS TEST	
ULTRAVIOLET ABSORBANCE (1 cm cell vs. water)	TO PASS TEST	
COLOR (APHA)		10
RESIDUE AFTER EVAPORATION		0.001 %
TITRATABLE ACID		0.0003 meq/g
TITRATABLE BASE		0.0006 meq/g
ALDEHYDE (as HCHO)		0.002 %
ISOPROPYL ALCOHOL		0.05 %
METHANOL (CH ₃ OH)		0.05 %
SUBSTANCES REDUCING (KMnO ₄)	TO PASS TEST	
WATER		0.5 %

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