
Product Specifications

ACETONE

GENERAL USE HPLC-UV GRADE REAGENT GRADE ACS

Product Specifications	Limits	Typical Lot Analysis
Assay by GC, min	99.9%	99.99%
Assay (corrected for water)	99.5%	99.81%
Color (APHA), max	10	< 10
Appearance	Clear	Clear
Solubility In Water	To Pass Test	Pass
Residue After Evaporation, max.	5 ppm	< 5 ppm
Titration Acid, max.	0.0003 meq/g	<0.0001 meq/g
Titration Base, max.	0.0006 meq/g	<0.0002 meq/g
Aldehyde (as HCHO), max.	0.002%	<0.002%
IPA, max	0.05%	<0.0001%
Methanol, max.	0.05%	0.002%
Substances Reducing KMnO ₄	To Pass Test	Pass
Water, max	0.5%	0.18%
UV Absorbance @	U.A.	U.A.
400nm	0.01	0.001
350nm	0.02	0.005
340nm	0.10	0.045
330nm	1.00	0.625
Liquid Chromatography (ACS)		Pass
Absorbance		Pass
Gradient Elution		Pass
Gradient Analysis at 254nm, max.		Pass
Specific Gravity @ 25°C	≤ 0.789	0.787

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