ChemPure* Brand Chemicals

May 05, 2020

...Pure Quality

Certificate of Analysis

Isopropyl Alcohol

USP GRADE REAGENT

CAT.No: CP-C9091P, CP-D9091P, CP-T9091
AS No: 67-63-0
Lot No: B00615DJMCP
Manufactured Date: April 6, 2020
Retest Date: April 5, 2022
Storage: Room Temp

Molecular Formula:	$(CH_3)_2CHOH$
Formula Weight:	60.10 g/mol
MDL:	MFCD00011674
EC No:	200-661-7
Density:	0.7864@20°C
Boiling Pt:	82.15+/-0.85°C

TEST	MONOGRAPH	SPECIFICATIONS	RESULTS
Appearance		Clear, Colorless	Conforms
Assay (Corrected for water)	USP	> 99.0%	99.80%
Assay (Corrected for water)	ACS	> 99.5%	99.80%
Color (APHA)	ACS	10 max	4
Water (H2O) Wt.%	ACS	<0.1% max	0.0043%
Water Determination	USP	0.1%	0.03%
Limit of Nonvolatile Residue, g/100ml	USP	<0.001	0.0 mg
Solubility in Water	ACS	T.P.T.	Pass
Specific Gravity	USP	0.7862 - 0.7870 @ 20°C	0.7865
Identification A - Infrared Absorption	USP	T.P.T.	Pass
Identification B	USP	T.P.T.	Pass
Refractive Index @ 20°C	USP	1.376 - 1.378	1.377
Acidity as Acetic Acid Wt.%	USP	<0.0020	0.0007
Volatile Impurities:	USP	Diethyl Ether 0.1% max	None Detected
	USP	Acetone 0.1% max	None Detected
	USP	Diisopropyl Ether 0.1% max	None Detected
	USP	n-propyl Alcohol 0.1% max	None Detected
	USP	2-Butanol 0.1% max	None Detected
	USP	Total 1.0% max	None Detected

Isopropyl Alcohol -USP is produced to comply with current Good Manufacturing Practices according to the USP General Chapter <1078> and the USP Monograph for Isopropyl Alcohol in effect. It is therefore intended for use as an Excipient ONLY, not for use as an active pharmaceutical ingredient (API).