



PRODUCT SPECIFICATION SHEET

Isopropyl Alcohol 99% HPLC Grade

Product Specification

Test	Specification	Typical Results
Assay (corrected for water)	99.5% Min	99.95%
Color, APHA	10 Max	1
Carbonyl Compounds - Acetone	0.002% Max	0.00
Carbonyl Compounds - Propionaldehyde	0.002% Max	< 0.002%
Residue after Evaporation	0.001% Max	0.000%
Solubility in Water	To Pass Test	Pass
Titration Acid or Base	0.0001 meq/g Max	0.0001 meq/g
Water, wt%	< 0.2%	0.04%
Limit of volatile impurities - 2 - Butanol	<0.1%	<0.1%
Limit of Volatile Impurities - Diethyl Ether	<0.1%	<0.1%
Limit of volatile Impurities - Diisopropyl Ether	<0.1%1%	<0.1%
Limit of volatile Impurities - Methanol	<0.02%	<0.02%
Limit of volatile Impurities - n-Propyl Alcohol	<0.1%	<0.1%
Limit of volatile Impurities - Individual unspecified	<0.1%	<0.1%
Limit of volatile Impurities - Total	<1.0%	<0.1%
Limit of Nonvolatile Residue	<2.5mg (0.005%)	0.0
Refractive Index @ 20°C	1.376 - 1.378	1.377
Specific Gravity @ 25°C	0.783 - 0.787	0.783
Identification A - Infrared Spectroscopy	To Pass Test	Pass
Identification B	To pass Test	Pass
Identification C - Limit of Methanol	< 0.02%	Pass
Gradient Analysis @ 254nm	To Pass Test	Pass
Gradient Elution	To Pass Test	Pass
Liquid Chromatography	To Pass Test	Pass
UV Absorbance		

Test	Specification	Typical Results
@210nm	1.0 AU Max	0.36
@ 220nm	0.40 AU Max	0.17
@ 230nm	0.20 AU Max	0.09
@ 245nm	0.08 AU Max	0.02
@ 260nm	0.04 AU Max	0.01
@ 275nm	0.03 AU Max	0.00
@ 300nm	0.02 AU Max	0.00
@330nm	0.01 AU Max	0.00

Appropriate/legal use of this product is the responsibility of the user.

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Phone: 512-668-9918, Fax: 512-886-4008, E-mail: Customerservice@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
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