1490 Lammers Pike Batesville, IN 47006 http://www.riccachemical.com 1-888-GO-RICCA

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Certificate of Analysis

Isopropyl Alcohol (IPA), HPLC grade

Lot Number: 4403L71 Product Number: R4207200

Date Packaged: MAR 20, 2024 Recommended Retest Date: NOV 2027

Contains

CH₃CHOHCH₃ CAS No. 67-63-0 MW 60.10

Test	Specification	Result
Absorbance at 210 nm	max 1.00 AU/cm	0.32 AU/cm
Absorbance at 220 nm	max 0.40 AU/cm	0.15 AU/cm
Absorbance at 230 nm	0.00-0.20 AU/cm	0.08 AU/cm
Absorbance at 245 nm	0.00-0.08 AU/cm	0.02 AU/cm
Absorbance at 260 nm	0.00-0.04 AU/cm	0.01 AU/cm
Absorbance at 275 nm	max 0.03 AU/cm	0 AU/cm
Absorbance at 300 nm	max 0.02 AU/cm	0 AU/cm
Absorbance at 330 - 400 nm	0.00-0.01 AU/cm	0.00 AU/cm
Assay	min 99.5 % CH3CHOHCH3	99.9 % CH3CHOHCH3
Carbonyl Compounds: Acetone	max 0.002 %	0 %
Carbonyl Compounds: Propionaldehyde	0.000-0.002 %	0.002 %
Color (APHA)	max 10	1
Residue after evaporation (Non-Volatile Matter)	max 0.001 %	0 %
Solubility in Water	To Pass Test	Passed
Titrable acid or base	max 0.0001 meq/g	0.0001 meq/g
Water (H ₂ O)	0.00-0.20 %	0.06 %

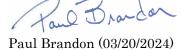
Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number Size / Package Type

R4207200-4C 4 L amber glass

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Version: 1.4 Lot Number: 4403L71 Product Number: R4207200 Page 1 of 2



Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials $^{\rm --}$ Contents of Certificates and Labels."

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.

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