

Certificate of Analysis

Isopropanol, ACS Reagent Grade

Lot Number: 4304K87

Product Number: RSOI0020

Date Packaged: APR 20, 2023

Expiration Date: JAN 2028

ContainsCH₃CHOHCH₃ CAS No. 67-63-0 MW 60.10

Test	Specification	Result
Assay	min 99.5 %	99.9 %
Carbonyl Compounds: Acetone	max 0.002 %	0.001 %
Carbonyl Compounds: Propionaldehyde	max 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
Titration acid or base	max 0.0001 meq/g	0.0001 meq/g
Water (H ₂ O)	max 0.2 %	0.1 %

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	Shelf Life (Unopened Container)
RSOI0020-1C	1 L amber glass	24 months
RSOI0020-4C1	4 L safety-coated glass	24 months

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

Paul Brandon (04/20/2023)

Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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