

Product Specification

Grow Nutrient Solution (2-1-6)

Lot Number: SAMPLE

Product Number: RCN01000

Manufacture Date: N/A

Expiration Date: N/A

This product is suitable for use as an outer filling solution for many Chloride, Cupric, Lead, Silver/Sulfide, and Thiocyanate Ion Selective Electrodes (ISE). Consult your electrode manual.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Nitrate	7757-79-1	ACS
Magnesium Nitrate Hexahydrate	13446-18-9	ACS
Potassium Carbonate	584-08-7	ACS
Ammonium Dihydrogen Phosphate	7722-76-1	ACS
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Potassium Sulfate	7778-80-5	ACS
Magnesium Carbonate	546-93-0	Reagent
Magnesium Sulfate Heptahydrate	10034-99-8	ACS

Test	Specification	Result
Appearance	TBD	N/A

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RCN01000-1A	1 L natural poly	12 months
RCN01000-250A	250 mL natural poly	12 months
RCN01000-4A	4 L natural poly	12 months
RCN01000-500A	500 mL natural poly	12 months

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

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.