

# Product Specification

## Bloom Nutrient Solution (0-5-4)

Lot Number: SAMPLE

Product Number: RCN02000

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Phosphoric Acid	7664-38-2	ACS
Magnesium Sulfate Heptahydrate	10034-99-8	ACS
Potassium Sulfate	7778-80-5	ACS
Magnesium Phosphate Hydrate	53408-95-0	
Magnesium Carbonate	546-93-0	Reagent
Potassium Carbonate	584-08-7	ACS

Test	Specification	Result
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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)
RCN02000-1A	1 L natural poly	12 months
RCN02000-250A	250 mL natural poly	12 months
RCN02000-4A	4 L natural poly	12 months
RCN02000-500A	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."

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