

Product Specification

Manganese ICP Standard, 10 ppm Mn in 3% HNO₃

Lot Number: SAMPLE**Product Number:** RPMN10N0**Manufacture Date:** N/A**Expiration Date:** N/A

The final solution concentration is confirmed by AA, ICP, or ICP-MS, and is traceable to NIST Standard Reference Material 3132.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Manganese	7439-96-5	High Purity

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Manganese (Mn)	9.9-10.1 ppm	N/A	3132

This standard is guaranteed to be stable and accurate provided the product is kept tightly capped and stored under normal laboratory conditions. Balances are calibrated using NIST traceable weights whose verification of maintenance and recalibration is documented per in-house Standard Operating Procedures. Class A glassware is also calibrated and routinely rechecked per in-house Standard Operating Procedures. Trace metal analyzed acids and Trace Metals Analyzed Water are used in the manufacture of this product. Triple cleaned containers are used in the manufacture of this product.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RPMN10N0-100N	100 mL natural LDPE	12 months
RPMN10N0-500N	500 mL natural poly	12 months

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

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