

Product Specification

Mixed ICP Standard
50ppm each Al, Cr, Cu, Fe, Ni, W

Lot Number: SAMPLE

Product Number: RPMX125N

Manufacture Date: N/A

Recommended Retest Date: N/A

Matrix: 5% nitric acid/ 1% HF in water

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Hydrofluoric Acid	7664-39-3	Trace Metals

Test	Specification	Result
Appearance	colorless to slightly colored	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Aluminum (Al)	49.5-50.5	Aluminum Nitrate Nonahydrate	7784-27-2	High Purity	3101
Chromium (Cr)	49.5-50.5	Chromium Nitrate Nonahydrate	7789-02-8	High Purity	3112
Copper (Cu)	49.5-50.5	Copper	7440-50-8	High Purity	3114
Tungsten (W)	49.5-50.5	Tungsten	7440-33-7	High Purity	3163
Nickel (Ni)	49.5-50.5	Nickel	7440-02-0	High Purity	3136
Iron (Fe)	49.5-50.5	Iron	7439-89-6	High Purity	3126

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)
RPMX125N-1N	1 L natural poly	18 months

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

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