

Product Specification

Nitric Acid, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: RABN0010

Date Packaged: N/A

Expiration Date: N/A

Chemical Formula: HNO₃
Formula Weight: 63.01

Contains

HNO₃ CAS No. 7697-37-2 MW 63.01

Test	Specification	Result
Appearance	Colorless to light yellow liquid	N/A
Arsenic (As)	max 0.01 ppm	N/A
Assay	68.00-70.00 %	N/A
Chloride (Cl)	max 0.5 ppm	N/A
Color (APHA)	max 10	N/A
Heavy Metals (as Pb)	max 0.2 ppm	N/A
Iron (Fe)	max 0.2 ppm	N/A
Residue after Ignition	max 5 ppm	N/A
Sulfate (SO ₄)	max 1 ppm	N/A

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)
RABN0010-1C	1 L amber glass	36 months
RABN0010-2.5D1	2.5 L glass	36 months
RABN0010-4X2.5D	4 x 2.5 L safety-coated glass	36 months
RABN0010-500D1	500 mL glass	36 months

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

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