



Certificate of Analysis

Nitric Acid 65% AR

Chemical/Physical Properties and other data:

Manufacture Date: 04/2026
Expiry Date: 03/2031
Batch Number: AF04260489
Catalogue: CM.600.2500

Chemical Formula: HNO₃
Grade: Conforms to AR
Appearance: Clear colorless liquid
Molar Mass: 63.01 g/mol

Elements	*Specification
Appearance	Clear colorless liquid
Assay	64.066.0%
Colour scale	Max 10 APHA
Weight/ mL at 20°C	1.37 - 1.41/ml
Residue on ignition	Max 0.0005%
Chloride (Cl)	Max 0.00005%
Phosphate and silicate (as SiO ₂)	Max 0.0001%
Sulphate (SO ₄)	Max 0.0001%
Arsenic (As)	Max 0.000001%
Copper (Cu)	Max 0.00001%
Iron (Fe)	Max 0.00002%
Heavy metal (as Pb)	Max 0.00002%
Manganese (Mn)	Max 0.00004%
	***May darken during storage as a result of photochemical reactions.

*The above product complies as per the specifications.

** The above product results are as per the manufacturers certificate of analysis.

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