


SIGMA-ALDRICH

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Sales-Specifications

PRODUCT-NO.	02650
PRODUCT	Nitric acid
PURITY	TRACESELECTULTRA, FOR TRACE ANALYSIS
FORMULA	HNO ₃
MOLECULAR MASS	63.01
CAS-Nr	7697-37-2

Quality	64-66 % T
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Appearance	CLEAR LIQUID, COLORLESS
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Cation Traces

Ag <= 0.02µg/kg	Al <= 0.05µg/kg	As <= 0.5µg/kg
Au <= 0.02µg/kg	Ba <= 0.02µg/kg	Be <= 0.02µg/kg
Bi <= 0.02µg/kg	Ca <= 0.1µg/kg	Cd <= 0.02µg/kg
Co <= 0.02µg/kg	Cr <= 0.05µg/kg	Cu <= 0.02µg/kg
Fe <= 0.1µg/kg	Ga <= 0.02µg/kg	Ge <= 0.02µg/kg
Hg <= 1µg/kg	In <= 0.02µg/kg	K <= 0.1µg/kg
Li <= 0.02µg/kg	Mg <= 0.05µg/kg	Mn <= 0.02µg/kg
Mo <= 0.05µg/kg	Na <= 0.1µg/kg	Ni <= 0.05µg/kg
Pb <= 0.02µg/kg	Pt <= 0.02µg/kg	Sb <= 0.02µg/kg
Se <= 1µg/kg	Sn <= 0.02µg/kg	Sr <= 0.02µg/kg
Ta <= 0.05µg/kg	Ti <= 0.02µg/kg	Tl <= 0.02µg/kg
V <= 0.02µg/kg	Zn <= 0.1µg/kg	Zr <= 0.02µg/kg

Anion Traces

chloride (Cl) < 500µg/kg	phosphate (PO ₄) < 10µg/kg	sulfate (SO ₄) < 50µg/kg
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08/JUL/05

Sigma-Aldrich warrants that this product will conform to the above information at this time. When ordered, a lot specific certificate of analysis is available on demand. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of suitability of the product for purposes other than laboratory use. See Fluka catalogue for additional terms and conditions of sale.