

PRODUCT SPECIFICATION

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Catalog : N1084

Nitric Acid, TraceGrade

CAS# : 7697-37-2

Formula : HNO₃

Formula Weight : 63.01

Test	Limit	
	Min.	Max.
ASSAY (w/w)	67 - 70%	
COLOR (APHA)	-- 10	
CHLORIDE	-- 0.2 PPM	
TOTAL PHOSPHORUS (P)	-- 0.01 PPM	
TOTAL SULFUR	-- 0.3 PPM	
ALUMINUM	-- 1 PPB	
ANTIMONY (Sb)	-- 0.5 PPB	
ARSENIC (As)	-- 0.5 PPB	
BARIUM	-- 0.1 PPB	
BERYLLIUM (BE)	-- 0.1 PPB	
BISMUTH	-- 0.1 PPB	
BORON	-- 1 PPB	
CADMIUM (Cd)	-- 0.5 PPB	
CALCIUM (Ca)	-- 1 PPB	
CERIUM	-- 0.1 PPB	
CESIUM	-- 0.1 PPB	
CHROMIUM (Cr)	-- 1 PPB	
COBALT (Co)	-- 0.5 PPB	
COPPER (Cu)	-- 0.5 PPB	
DYSPROSIUM	-- 0.1 PPB	
ERBIUM	-- 0.1 PPB	
EUROPIUM	-- 0.1 PPB	
GADOLINIUM	-- 0.1 PPB	
GALLIUM (Ga)	-- 0.1 PPB	
GERMANIUM	-- 0.1 PPB	
GOLD	-- 0.1 PPB	
HAFNIUM	-- 0.1 PPB	
HOLMIUM	-- 0.1 PPB	
INDIUM	-- 0.1 PPB	
IRON	-- 1 PPB	
LANTHANUM	-- 0.1 PPB	
LEAD (Pb)	-- 0.1 PPB	
LITHIUM	-- 0.1 PPB	
LUTETIUM	-- 0.1 PPB	
MAGNESIUM (Mg)	-- 1 PPB	
MANGANESE (Mn)	-- 0.1 PPB	
MERCURY	-- 0.1 PPB	

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MOLYBDENUM (Mo)	-- 0.1 PPB
NEODYMIUM	-- 0.1 PPB
NICKEL (Ni)	-- 0.5 PPB

Test	Limit	
	Min.	Max.
NIOBIUM	--	0.1 PPB
PALLADIUM	--	0.5 PPB
PLATINUM	--	0.5 PPB
POTASSIUM	--	1 PPB
PRASEODYMIUM	--	0.1 PPB
RHENIUM	--	0.1 PPB
RHODIUM (Rh)	--	0.5 PPB
RUBIDIUM (Rb)	--	0.1 PPB
RUTHENIUM	--	0.5 PPB
SAMARIUM	--	0.1 PPB
SCANDIUM	--	0.1 PPB
SELENIUM (Se)	--	1 PPB
SILVER	--	0.1 PPB
SODIUM (Na)	--	1 PPB
STRONTIUM (Sr)	--	0.1 PPB
TANTALUM	AS REPORTED	
TELLURIUM	--	0.1 PPB
TERBIUM	--	0.1 PPB
THALLIUM (Tl)	--	0.1 PPB
THORIUM	--	0.1 PPB
THULIUM	--	0.1 PPB
TIN (Sn)	--	0.5 PPB
TITANIUM (Ti)	--	0.5 PPB
TUNGSTEN	--	0.1 PPB
URANIUM	--	0.1 PPB
VANADIUM	--	0.5 PPB
YTTERBIUM	--	0.1 PPB
YTTRIUM	--	0.1 PPB
ZINC (Zn)	--	0.5 PPB
ZIRCONIUM	--	0.1 PPB
EXPIRATION DATE		