



CERTIFICATE OF ANALYSIS

Product	Sodium nitrate
Grade	ACS Grade
Product Code	SD0484
Formula	NaNO ₃
MW	84.99
CAS#	7631-99-4
Lot No	

Test Items	Specifications	Results
Appearance	White to colorless solid	
Assay	≥ 99.0 %	
pH of a 5% solution	5.5 - 8.3 @ 25°C	
Insoluble Matter	≤0.005 %	
Chloride(Cl)	≤0.001 %	
Sulfate (SO ₄)	≤0.003%	
Nitrite (NO ₂)	≤0.001%	
Calcium (Ca)	≤0.005 %	
Iodate (IO ₃)	≤5 ppm	
Magnesium (Mg)	≤0.002 %	
Phosphate (PO ₄)	≤5 ppm	
Heavy Metals (as Pb)	≤5 ppm	
Iron (Fe)	≤3 ppm	

Storage: RT, protect from moisture.