

CERTIFICATE OF ANALYSIS

Product Name	Potassium Nitrate,99% AR grade		
Synonyms	Potassium Nitrate		
CAS No	7757-79-1		
Product code	SY00230	Batch No	LPOBF0207
Molecular Formula	KNO ₃	Molecular Weight	101.11
Mfg. Date	Feb-26	Expiry Date	Jan-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	White Crystalline Powder	White Crystalline Powder
Solubility	Soluble in Water	Complies
pH (5% sol in water)	5.5-8.5	6.92
Chloride (Cl)	NMT -0.02%	Complies
Sulfate (SO₄)	NMT- 0.003%	Complies
K₂O	Min.-45.0%	Complies
Lead(Pb)	NMT -0.003%	Complies
Loss On Drying	NMT -1.0%	0.40%
Assay (By Titration)	NLT-99.0%	99.21%

Approved by
Dr. Gopinath PH. D

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