



Quality control laboratory

Product name	Potassium nitrate	Batch no	PNP925K
MFG.Date	07-2025	Retest.Date	07-2030
Cas	7757-79-1	M.W.	101.10g/mol
		M.F	KNO ₃

Sr No.	Characteristics	Unite	Specification	Result
1	Appearance	--	Crystal	Pass
2	odor	--	Odorless	pass
3	Density	g/ml	2.109	Pass
4	solubility	In water	Soluble	pass
5	Melting point	C	334	pass
6	pH	--	5 – 7.5	pass
7	assay	Wt%	Min 98	pass
8	Heavy metal as (Pb)	PPM	MAX 2	Pass
9	Sulfate	PPM	MAX 10	Pass
10	Chloride	PPM	MAX 5	Pass
11	Calcium	PPM	MAX 10	Pass

Above batch material complies with prescribed quality of the standard as stated above.

M.Nashat

QC Manger