

SPECIFICATION : POTASSIUM NITRATE LR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	KNO ₃
2	Product code	P030
3	Molecular weight	101.1
4	CAS No	7757-79-1
5	Risk Statement No	8
6	Safety Statement No	17
7	UN No.	UN1486



PACKING DETAILS

	Product code	Pack size
1	P03010	500 g
2	P03012	2.5 Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Clarity
3	Assay
4	pH (5% aqueous solution)
5	Chloride (Cl)
6	Phosphate (PO ₄)
7	Sulphate (SO ₄)
8	Heavy metals (as Pb)
9	Iron (Fe)
10	Sodium (Na)
11	Loss on drying (120°C)

LIMITS

Colourless crystals or white crystalline powder.
10% Solution in water is clear and colourless.
Not less than 99.0%
Between 5.5 and 8.0
Not more than 0.02%
Not more than 0.002%
Not more than 0.02%
Not more than 0.002%
Not more than 0.002%
Not more than 0.2%
Not more than 0.5%

SAFETY SYMBOLS



Oxidizing