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Typical Product Specifications & Properties

Potassium Nitrate

CAS Number: : 7757-79-1

Specifications	Limits
Density	2.109 (16 c)
Moderately Soluble	in alcohol
Melting Point	334 c
Iodates	<= 5 ppm
Heavy metals (as Pb)	<= 5 ppm
Assay	>= 99.5%
pH of a 5% solution	4.5 - 8.5 (25°C)
Insoluble Matter	<= 0.005%
Nitrate	<= 0.001%
Phosphate	<= 5 ppm
Sulfate	< 0.003%
Iron (Fe)	<= 3 ppm



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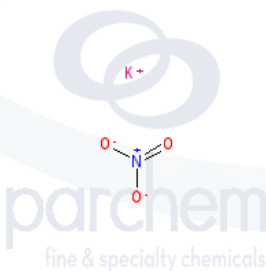


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Specifications	Limits
Calcium	<= 0.005%
Magnesium	<= 0.002%
Sodium	<= 0.005%
Water	0.5% (Internal)
Description	Colorless to white crystals
Chloride (Cl)	<= 0.002%
Odor	odorless, cooling pungent salty taste
Molecular weight	101.11
Color	transparent colorless or white crystal or crystal powder
Solubility	glycerin, water
Boiling Point	dec. 400 c
Chemical Structure	



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