



TECHNICAL DATA SHEET(TDS)
Potassium Nitrate Crystal ACS Grade
Product Specifications (CAS# 7757-79-1)

Test	Specification	Typical Results
Assay	Min. 99.0%	Pass
pH of a 5% Solution @ 25°C	4.5 - 8.5	Pass
Insoluble Matter	Max. 0.005%	<0.005
Chloride	Max. 0.002%	<0.002
Iodate	Max. 5 ppm	<5
Nitrite	Max. 0.001%	<0.001
Phosphate	Max. 5 ppm	<5
Sulfate	Max. 0.003%	<0.003
Heavy Metals (by ICP-OES)	Max. 5 ppm	<5
Iron	Max. 3 ppm	<3
Calcium	Max. 0.005%	<0.005
Magnesium	Max. 0.002%	<0.002
Sodium	Max. 0.005%	<0.005

Appropriate/legal use of this product is the responsibility of the user.

[Potassium Nitrate Crystal ACS Grade](#)

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