

PRODUCT SPECIFICATION SHEET
Calcium Nitrate Tetrahydrate ACS Grade

Product Specification

Test	Specification	Typical Results
Appearance	Colorless crystals	Colorless crystals
Assay	99.0 - 103.0%	100.87%
pH of a 5% solution @ 25°C	5.0 - 7.0	6.12
Insoluble matter	Max 0.005%	0.003
Chloride	Max 0.005%	<0.005
Nitrite	Max 0.001%	<0.001
Sulfate	Max 0.002%	<0.002
Barium	Max 0.005%	<0.005
Heavy metals (by ICP-OES)	Max 5 ppm	<5
Iron	Max 5 ppm	<5
Magnesium	Max 0.05%	<0.05
Potassium	Max 0.005%	<0.005
Sodium	Max 0.01%	<0.01
Strontium	Max 0.05%	<0.05

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

[Calcium Nitrate Tetrahydrate Crystal 99% ACS Reagent Grade](#)

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