



TECHNICAL DATA SHEET(TDS)
Calcium Nitrate Tetrahydrate, ACS
Product Specifications (CAS# 13477-34-4)

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 ppm
Iron	Max 5 ppm	<5 ppm
Magnesium	Max 0.05%	0.003%
Potassium	Max 0.005%	0.001%
Sodium	Max 0.01%	0.001%
Strontium	Max 0.05%	0.0062%

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

[Calcium Nitrate Tetrahydrate, ACS](#)

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