



Aqua Solutions, Inc.

P.O. Box 70 Deer Park, TX 77536 Ph (281-479-2569)



SPECIFICATION SHEET

CALCIUM NITRATE TETRAHYDRATE / REAGENT ACS

| | |
|-------------------------|--|
| Product Code | C0875 |
| Chemical Name / Grade | Calcium Nitrate Tetrahydrate / Reagent ACS |
| Chemical Formula / CAS# | Ca(NO ₃) ₂ •4H ₂ O / CAS# 13477-34-4 |
| Appearance | Colorless hygroscopic solid |
| Harmonization Code | 2834.29.1000 |

CHEMICAL ANALYSIS / SPECIFICATIONS

| Assay | 99.0 – 103.0% |
|-----------------------------|---------------|
| Specifications | Maximum |
| pH of a 5% solution @ 25° C | 5.0 – 7.0 |
| Chloride (Cl) | 0.005% |
| Nitrite (NO ₂) | 0.001% |
| Sulfate (SO ₄) | 0.002% |
| Heavy Metals (as Pb) | 5 ppm |
| Iron (Fe) | 5 ppm |
| Barium (Ba) | 0.005% |
| Magnesium (Mg) | 0.05% |
| Potassium (K) | 0.005% |
| Sodium (Na) | 0.01% |
| Strontium (Sr) | 0.05% |
| Insoluble Matter | 0.005% |

This product is suitable for use in applications where the grade indicated above is required.

PREPARATION DATE (MM/DD/YY)

| | |
|--------------|-----------------|
| Original 0.0 | 12/13/2013: STN |
| Revision | |

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.