



Product Specification

Product Name: CALCIUM ACETATE Monohydrate LR

Alternate Name(s) Calcium diacetate; Lime acetate; Brown Acetate; Lime pyrolignite.

Description

White granules or powder; slight acetic acid odour; slightly bitter taste.

Properties

Chemical Formula: $\text{Ca}(\text{CH}_3\text{COO})_2 \cdot \text{H}_2\text{O}$

Molecular Weight: 176.18

Product Code: CL016

CAS No.: 5743-26-0

General Information:

Product is combustible. Slightly soluble in alcohol. Incompatible with strong oxidisers.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH7P
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility in water	~400 g/l at 0°C
Melting point	> 160°C (decomposes)
pH (5% aq., 25°C)	6.3 - 9.6
Chloride (Cl)	0.05%
Sulfate (SO ₄)	0.1%
Fluoride (F)	0.005%
Heavy metals (as Pb)	0.001%
Lead (Pb)	0.0002%
Arsenic (As)	0.0003%

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