# TECHNICAL DATA SHEET

## PRODUCT NAME: CALCIUM ACETATE MONOHYDRATE

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|---|---|
| Grade | : Pure |
| CAS Number | : 5743-26-0 |
| Molecular Weight | : 176.184 g/mol |
| Molecular Formula | : $Ca(CH_3COO)_2.H_2O$ |
| EC Number | : 233-140-8 |

## SPECIFICATIONS:

| S. NO | PARAMETERS | UNITS | LIMITS |
|---|---|---|---|
| 1 | Appearance | - | Powder |
| 2 | Color | - | White |
| 3 | Assay | % | Not less than 99.0% not more than 100% |
| 4 | Test for Calcium | - | Complies |
| 5 | Test for Acetate | - | Complies |
| 6 | pH (5% sol. 25°C) | - | Not more than equal to 6.3-9.6 |
| 7 | Arsenic | % | Not more than equal to 0.0003% |
| 8 | Water ($H_2O$) | % | Not more than equal to 6.0% |
| 9 | Chloride (Cl) | % | Not more than equal to 0.05% |
| 10 | Fluoride (F) | % | Not more than equal to 0.005% |
| 11 | Sulfate ($SO_4$) | % | Not more than equal to 0.06% |
| 12 | Lead (Pb) | % | Not more than equal to 0.001% |
| 13 | Heavy metals | % | Not more than equal to 0.0025% |

## STORAGE & HANDLING:

Stored in ambient temperature and in cool, dry, and well-ventilated area. Keep container tightly closed and away from moisture. Avoid contact with strong acids and oxidizing agents.

**Prime Speciality Limited**
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## PACKAGING:

Primary Packaging : 50 Kgs LDPE Liners.
Secondary Packaging : 50 Kgs HDPE Bags, and Drums.
Customized Packaging is available on request.

## SHELF LIFE:

36 months from manufacturing date under recommended storage conditions.

## APPLICATIONS:

- Use as a starting material or reactive intermediate in chemical synthesis where subsequent purification stages are involved.

## SAFETY INFORMATION:

Refer to SDS (Safety Data Sheet) for complete safety and handling guidelines.

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