TECHNICAL DATA SHEET

PRODUCT NAME: CALCIUM ACETATE MONOHYDRATE

Grade	: ANALYTICAL REAGENT
CAS Number	: 5743-26-0
Molecualr 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	-	Crystalline Powder, Crystals
2	Color	-	White to Colorless
3	Solubility	-	100 mg soluble in 1 mL of water
4	Water (H_2O)	%	Not more than 7.0
5	Assay	%	Not more than 99.00 and not less than 102.00
6	Chloride (Cl)	%	Not more than 0.001
7	Sulphate (SO_4^{2-})	%	Not more than 0.01
8	Heavy metal (as Pb)	%	Not more than 0.005

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.

PACKAGING:

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

Prime Speciality Limited
Sy. No. 824/AA, 824/E, Chegur Village,
Kothur Mandal, Ranga Reddy,
Telangana- 509228, India

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SHELF LIFE:

36 months from manufacturing date under recommended storage conditions.

APPLICATIONS:

- Used in analytical and quantitative chemical analysis.
- Commonly employed in buffer solution preparation.

SAFETY INFORMATION:

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

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