TECHNICAL DATA SHEET

PRODUCT NAME: CALCIUM ACETATE MONOHYDRATE

Grade	: Food - JOINT FAO/WHO EXPERT COMMITTEE ON FOOD ADDITIVES (JECFA)
CAS Number	: 5743-26-0
Molecular Weight	: 176.184 g/mol
Molecular Formula	: $C_4H_6CaO_4.H_2O$
EC Number	: 233-140-8

SPECIFICATIONS:

S. NO	PARAMETERS	UNITS	LIMITS
1	Assay	%	Not less than 98% after drying
2	Appearance	-	Powder
3	Color	-	Fine bulky, white
4	Solubility	-	Freely soluble in water, insoluble in ethanol
5	Tests for Calcium	-	Passes test
6	Test for Acetate		Passes test
7	Loss on drying	%	Not more than 11%
8	pH (1:10 solution)	-	Between 6 - 9
9	Water insolubles	%	Not more than 0.3%
10	Formic acid and oxidizable impurities	-	Not more than traces
11	Aldehydes	-	Not more than traces
12	Lead (Pb)	mg/kg	Not more than 2 mg/kg

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
Sy. No. 824/AA, 824/E, Chegur Village,
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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:

- Firming agent
- pH control agent
- Processing aid
- Sequestrant
- Stabilizer
- Thickener, and Texturizer.

SAFETY INFORMATION:

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

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