

TECHNICAL DATA SHEET: PANTOTHENIC ACID (B5)

1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Assay:** Min 98.0% (on dry basis)
- **Specific Rotation:** +25.0°C to +28.5°C
- **Calcium Content:** 8.2% – 8.6%
- **Loss on Drying:** Max 5.0%
- **Appearance:** White crystalline powder, odorless with a slightly bitter taste

2. SAFETY, CONTAMINANTS & LOGISTICS

- **Heavy Metals:** Pb < 10 ppm | As < 2 ppm
- **Storage:** Store in a cool, dry place; keep containers tightly closed as it is slightly hygroscopic
- **Shelf Life:** 24–36 months
- **Packaging:** 25kg cartons or fiber drums with PE liner

3. COMPLIANCE DECLARATION

- Product is an essential water-soluble vitamin for animal nutrition and food fortification
- Compliant with EU Regulations for feed additives and human food safety standards
- Non-GMO and free from any animal-derived components