

TECHNICAL DATA SHEET: VITAMIN C

1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Assay (C₆H₈O₆):** 99.0% – 100.5%
- **Clarity of Solution:** Clear
- **Specific Rotation:** +20.5°C to +21.5°C
- **Residue on Ignition:** Max 0.1%
- **Appearance:** White or almost white crystalline powder

2. SAFETY, CONTAMINANTS & LOGISTICS

- **Heavy Metals:** Pb < 2 mg/kg
- **Storage:** Store in non-metallic containers, protected from light and moisture
- **Shelf Life:** 36 months when stored in dark, dry conditions
- **Microbiology:** Compliant with EU food and feed safety limits

3. COMPLIANCE DECLARATION

- Product is 100% pure Ascorbic Acid fit for human and animal consumption
- Complies with current European Pharmacopoeia (Ph. Eur.) and EU Regulations
- Free from animal-derived additives or vegetable fats