

TECHNICAL DATA SHEET: L-ARGININE

1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Assay (as Dry Matter):** Min 99.0%
- **Moisture:** Max 0.3%
- **Sulfated Ash:** Max 0.5%
- **pH (10% aqueous solution):** 5.0 – 7.0
- **Appearance:** White to off-white, crystalline powder
- **Solubility:** ~30–34 g/l in water at 25°C

2. SAFETY, CONTAMINANTS & LOGISTICS

- **Heavy Metals (as Pb):** Compliant with EU feed safety standards
- **Storage:** Keep cool and dry in well-closed original containers
- **Shelf Life:** 60 months (5 years) from manufacturing date
- **Packaging:** 25kg paper or polyethylene bags, or 750/1000kg bulk bags
- **Handling:** Minimize dust formation to avoid potential respiratory irritation or dust explosion hazards

3. COMPLIANCE DECLARATION

- Product is a synthetic amino acid obtained via chemical synthesis
- It is approved for use in all animal species as a nutritional additive
- Quality meets EU Regulation (EC) No 1831/2003 for feed additives