

# TECHNICAL DATA SHEET

## Barbituric Acid

### Product Information

| Property         | Value                       |
|------------------|-----------------------------|
| Product Name     | Barbituric Acid             |
| Chemical Formula | $C_4H_4N_2O_3$              |
| Grade            | Pharmaceutical Intermediate |
| CAS Number       | 67-52-7                     |
| HS Code          | 293352                      |
| Appearance       | White crystalline powder    |
| Content          | ≥ 99.0%                     |

### Typical Specifications

| Parameter      | Specification            |
|----------------|--------------------------|
| Appearance     | White crystalline powder |
| Content        | ≥ 99.0%                  |
| Loss on Drying | ≤ 0.5%                   |
| Sulfated Ash   | ≤ 0.1%                   |
| Melting Point  | ≥ 250°C                  |

### Packaging & Storage

- Packaging: Typically packed in 25 kg woven bags.
- Storage: Store in a cool, dry area protected from sunlight, moisture, and ignition sources.
- Handling: Avoid direct contact; wear appropriate protective equipment and prevent dust, splash, or spill exposure.
- Documentation: Specifications, packaging, and shipment records are confirmed on a shipment-specific basis.