

TECHNICAL DATA SHEET

DTPA Acid

Product Information

Property	Value
Product Name	DTPA Acid
Chemical Formula	$C_{14}H_{23}N_3O_{10}$
Grade	Industrial / Technical
CAS Number	67-43-6
HS Code	292249
Appearance	White crystalline powder
Content	≥ 99.0%

Typical Specifications

Parameter	Specification
Appearance	White crystalline powder
Content	≥ 99.0%
Chelating Value	≥ 252 mg CaCO ₃ /g
Chloride (Cl)	≤ 0.01%
Sulfate (SO ₄)	≤ 0.05%
Iron (Fe)	≤ 0.001%
Lead (Pb)	≤ 0.001%
Loss on Drying	≤ 0.2%
pH (10 g/L solution, 25°C)	2.1 - 2.5
Nitric Acid Dissolution Test	Pass

Packaging & Storage

- Packaging: Typically packed in 25 kg kraft paper bags.
- Storage: Store in a cool, dry area protected from sunlight, moisture, and heat.
- 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.

The information contained in this Technical Data Sheet is believed to be accurate and reliable. However, it is provided for guidance only and no warranty is expressed or implied. Users should conduct their own testing to determine the suitability of this product for their particular application.