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## Specification Sheet

Product Name: **DL-Thioctic acid**  
Specifications & Purity: **99%**  
SKU #: **T106640**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in EtOH})}$	-1-1 (°)
Heavy metals	0-10 (ppm)
Purity(Neutralization titration)	98.5-101.5 (%)
Melting point	60-63 (°C)
Loss on drying	0-1 (%)
Chloride (Cl-)	0-0.071 (%)
Sulfate Ash	0-0.1 (%)
Appearance (T106640)	yellow powder,crystals and/or chunks
Solubility(2% in 10% NaOH)	Pale yellow transparent liquid
Proton NMR spectrum	Conforms to Structure

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