

TECHNICAL DATA SHEET

Ninhydrin | CAS 485-47-2

1. Product Identification

Product Name	Ninhydrin
CAS Number	485-47-2
Synonyms	2,2-Dihydroxyindane-1,3-dione, Triketohydrindene hydrate
Category	Lab Reagent
Available Grades	LR Grade/AR Grade
HSN Code	2917.39

2. Physical & Chemical Properties

Molecular Formula	C ₉ H ₆ O ₃
Molecular Weight	178.14
Appearance	Refer to TDS
Density	1.73 g/cm ³
Boiling Point	N/A
Melting Point	253°C
Flash Point	None
Solubility	Slightly soluble

3. Applications

• Amino acid detection • TLC visualization reagent • Fingerprint detection • Peptide analysis

4. Industries Served

Research, Chemical, Forensic

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.