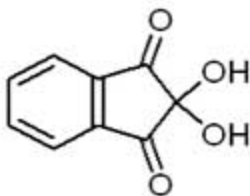


Ninhydrin



Synonyms : 2,2-Dihydroxy-1,3-Indandione
1,2,3-Indantrione monohydrate,
Trioxohydrindene monohydrate

CAS No. : 485-47-2

EC-No. : 207-618-1

Mol. Formula : C₉H₆O₄

Molecular Wt. : 178.2

Description : Light Yellow to Whitish Crystalline Powder

Melting Point : 250°C - 255°C with decomposition

Sulphated Ash : Max. 0.1 %

pH of 1% Solution : 4.6 TO 5.5

Loss on drying : 9-11 %

Sensitivity as reagent for Amino Acids : As per standard.

Solubility (Turbidity) : Clear, 10mg/ml, H₂O

Solubility (Color) : Pale Yellow

Solubility in Methanol (1 g in 10ml) : Free from black particles.

Assay by Titration: Min. 99%.

Infrared spectrum : Conforms to Structure

Sensitivity Test : Pass Sensitivity to Amino Acids