

Product Specification

Product Name: NINHYDRIN AR

Alternate Name(s) 2,2-Dihydroxy-1,3-indanedione; 1,2,3-indanetrione hydrate; 1,2,3-triketohydrindene monohydrate; 2,2-dihydroxyhydrindene-1,3-dione.

Description

White to brownish-white crystals or powder. When heated above 150°C becomes purple and melts with decomposition at approx. 250°C; May discolour on exposure to light.

Properties

Chemical Formula: C₉H₆O₄

Molecular Weight: 178.14

Product Code: NA021

CAS No. 485-47-2

General Information:

Soluble in alcohol. Slightly soluble in ether and chloroform. Incompatible with strong oxidizing agents. Combustible.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH10

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Identification and melting point Passes test

Solubility Passes test

Sensitivity to amino acids Passes test

Loss on drying (105°C) ≤ 11%

CONFORMS TO ACS

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