



Product Specification

Product Name: DICHLOROPHENOLINDOPHENOL Sodium salt LR

Alternate Name(s) Tilman's reagent; Sodium 2,6-dichloroindophenol.

Description

Dark green powder; odourless; hygroscopic.

Properties

Chemical Formula: $C_{12}H_6Cl_2NO_2Na \cdot 2H_2O$

Molecular Weight: 326.11

Product Code: DL027

CAS No. 620-45-1

General Information:

Soluble in alcohol; slightly soluble in water. Incompatible with strong oxidising agents, moisture, heat, and ignition sources. The aqueous solution is deep blue, changed to red by acids.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH0F

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Loss on drying	≤ 12.0 %
Solubility 0.1% (50% EtOH+1N 1ml Na ₂ CO ₃)	Clear blue solution
Interfering Dyes	The specified mixture is nearly colourless with no trace of red or blue

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