Product Specification

Product Name: 2,6-DICHLOROPHENOLINDOPHENOL Sodium salt LR

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

Description

Dark green powder; odourless; hygroscopic. Soluble in alcohol; slightly soluble in water.

Properties

Chemical Formula: $C_{12}H_6C_{12}NNaO_2$•2H2O

Molecular Weight: 290.08

General Information:

Incompatible with strong oxidising agents, moisture, heat, and ignition sources. The aqueous solution is deep blue, changed to red by acids.

Product Code: DL027

CAS No. 620-45-1

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]:

Identification	Conforms to structure
Loss on drying	≤ 12.0%
Solubility 0.1% (50% EtOH+1N 1ml Na2CO3	Clear blue solution
Interfering Dyes	The specified mixture is nearly colourless with no trace of red or blue

CONFORMS TO ACS

Chem-Supply Pty Ltd - An ISO 9001:2008 Accredited Company

38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Rev. No: 3