



Product Specification

Product Name: TRYPAN BLUE LR

Alternate Name(s) Diamine blue 3B; Niagara Blue 3B; C.I. 23850; Direct Blue 14.

Description

Dark blue/green to black powder.

Properties

Chemical Formula: $C_{34}H_{24}N_6O_{14}S_4Na_4$

Molecular Weight: 960.82

Product Code: TL213

CAS No. 72-57-1

General Information:

Soluble in water. Almost insoluble in alcohol.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: TBA

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 90.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility (1 mg/ml H₂O) Clear to opaque dark blue solution.

Melting point >300°C

Lambda Max. 607 nm in methanol

Lambda Max. 288 nm in water

Loss on drying ≤ 8.0%

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