



Product Specification

Product Name: TOLUIDINE BLUE O LR

Alternate Name(s) C.I. 52040; Tolonium chloride; dimethyltoluthionine chloride; Blutene chloride; basic blue 17.
Description
Dark green to black powder.

Properties

Chemical Formula: $C_{15}H_{16}ClN_3S$
Molecular Weight: 305.83

Product Code: TL026
CAS No. 92-31-9

General Information:

Soluble in water and alcohol.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH76
Poison schedule: Not Scheduled
Emergency Procedure Guide No.: N/A

Quality Specification

Assay: Refer below:

Specific Properties and Impurities [Typical levels]:

Dye content	65 % min.
Absorptivity (1%/1cm, at Lambda max 632.0 nm)	1200 min.
Loss on drying	≤ 8.0 %
Solubility (0.1%; dist. water)	Clear blue solution

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