

# Product Specification

## Product Name: METHYLENE BLUE 2B LR

Alternate Name(s) C.I. Basic blue 9; C.I. 52015; Methylthionine chloride; Solvent blue 8; Swiss blue.

### Description

Dark blue / brown fine powder or crystals with bronze tinge

### Properties

Chemical Formula:  $C_{16}H_{18}N_3S\cdot Cl$

Molecular Weight: 319.85

Product Code: ML045

CAS No.: 61-73-4

### General Information:

Soluble in water; slightly soluble in ethanol.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH4K

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay:

### Specific Properties and Impurities [Typical levels]:

Dye content	98% min.
Water content	1.0 - 2.0%
Insoluble content	2.0%
Colour change	Acidic (Yellowish green) Alkaline (Violet)

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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

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