

## TOLUIDINE BLUE FOR MICROSCOPY

**PRODUCT CODE** 323575

**SYNONYMS** --

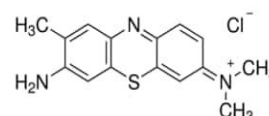
**C.I. NO.** 52040

**CASR NO.** (92-31-9)

**ATOMIC OR MOLECULAR FORMULA** C<sub>15</sub>H<sub>16</sub>ClN<sub>3</sub>S

**ATOMIC OR MOLECULAR WEIGHT** 305.83

**PROPERTIES** --



### PARAMETER LIMIT

Description Dark green to very dark green or blackish green powder.

Solubility Partially soluble in water.

Dye Content About 85.0%

(Titanometry; on dried substance)

Identification

a) (by FTIR) Conforms.

b) (by TLC) Passes test.

Absorption maximum 628 - 633 nm

(in water)

Absorption ratio 1.00 - 1.23

(A λ max - 15 nm) /

(A λ max + 15 nm)

Absorptivity (A1%/1 cm at λ max in water) > 750

Suitability for microscopy To pass the test.

### MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C) 8.0%

**Note(s) :] Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements :** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** ---

IMDG Code :

UN No. :

IATA :

**Disposal:** The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-

Replace Date 30-May-2023