

## Product Information

TECHNICAL DATA SHEET / Specification Sheet

### **Methylene Blue (Zinc Free)**

#### **Product Identifier**

Synonyms	: Methylene blue trihydrate
CAS No.	: 7220-79-3
C.I. No.	: 52015
Molecular Formula	: C <sub>16</sub> H <sub>18</sub> C <sub>1</sub> N <sub>3</sub> S <sub>3</sub> .3H <sub>2</sub> O
Molecular Weight	: 373.90
Shelf life	: 5 years

#### **Technical Specification**

Appearance	: Green to dark green crystals or powder with metallic lustre
Solubility	: 20 ppm in water yields clear blue solution
Absorption maxima	: 658 - 668 nm (20 ppm in water)
Loss on drying (at 105°C, 2 hr)	: 8.00 - 18.00%
Assay (AT/UV, on dry basis)	: 99.00 - 103.00%