

## SPECIFICATION

## Methylene Blue

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Dark green, crystals ~ crystalline powder
Assay (C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> SCl) (calculated on the dried basis)	min.98.5%(mass/mass)
Water-insoluble matter	max.0.2%(mass/mass)
Loss on drying at 105°C	14.0~16.0%(mass/mass)
Residue after ignition (as sulfate)	max.0.5%(mass/mass)
Copper (Cu)	max.0.05%(mass/mass)
Zinc (Zn)	max.0.01%(mass/mass)
Arsenic (As)	max.2ppm(mass/mass)
Iron (Fe)	max.0.02%(mass/mass)

JIS K 8897:2012(\*:Additional test performed by Wako but not required by JIS)This product is trihydrate