



Specification

Celestine Blue

Catalog Number: CB1010
CAS Number: 1562-90-9
C.I. Number: 51050
Synonyms: Mordant Blue 14
Molecular Formula: $C_{17}H_{18}ClN_3O_4$
Molecular Weight: 363.80
Storage: 15°C – 30°C

Test	Specification
Description:	Black to dark-grey to very dark brown powder
Identification:	Conforms to structure
Solubility (0.1% H ₂ O):	Dark blue to dark purple solution
UV-Visible Spectrum: Conc. 10.0 mg/l in H ₂ O	E(645 +/- 7 nm) = 29,000 minimum

Approved:

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