



## Specification

### Bismark Brown Y Certified

**Catalog Number:** BB1002  
**CAS Number:** 10114-58-6  
**C.I. Number:** 21000  
**Synonyms:** Basic Brown 1  
**Molecular Formula:**  $C_{18}H_{18}N_8 \cdot 2HCl$   
**Molecular Weight:** 419.31  
**Storage:** 15°C – 30°C

Test	Specification
Appearance:	Light brown to red-brown, maroon or burgundy or red powder
Identification:	Conforms to structure
Dye content:	> 45%
Spectroscopy:	~ 465nm
Solubility (10 mg/ml in H <sub>2</sub> O)	Clear to opaque, red-orange to dark red solution.
Soluble in water and Methyl Cellosolve slightly soluble in ethanol and insoluble in acetone, benzene and carbon tetrachloride.	

Approved:

Date: February 14, 2020

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