

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **Rhodamine B**

Synonym	: Tetraethylrhodamine
Molecular Formula	: $C_{28}H_{31}ClN_2O_3$
Molecular Weight	: 479.01
CAS No.	: 81-88-9
Colour Index No.	: 45170
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Red-brown or green to dark green crystals or powder
Solubility	: 10 ppm solution in methanol yields clear solution
FTIR (KBr disc)	: Matches with the standard pattern
Loss on drying	: $\leq 7.00\%$
Absorption maxima (10 ppm in methanol)	: 542 - 554 nm
Dye content	: ~ 80%