



Specifications

Rhodamine B Base

Catalog Number: RB1007
C.I. Number: 45170.1
CAS Number: 509-34-2
Synonyms: Solvent Red 49
Molecular Formula: $C_{28}H_{30}N_2O_3$
Molecular Weight: 442.55
Storage: 15°C – 30°C

| Test | Specification |
|-------------------------|--|
| Appearance: | Pink to Red-Pink Powder and/or Chunks |
| Assay: | 97% minimum |
| UV-Visible | λ 544 +/- 2NM |
| Extinction Coefficient: | $\geq 103,00$ |
| Solubility: | 10MG/ML, Ethanol; Clear to slightly hazy, Pink-Orange to Dark Pink Solution. |

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojiraafc.com

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