

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Rhodamine B, reagent grade

ITEM NUMBER: R104960
BRAND: Aladdin
CAS NUMBER: 81-88-9
MDL NUMBER: MFCD00011931
FORMULA: C₂₈H₃₁ClN₂O₃
MOLECULAR WEIGHT: 479.01

| TEST | SPECIFICATION | | TARGET VALUE |
|---------------------------------|----------------------------------|------|--------------|
| | MIN. | MAX. | |
| Absorpt. Ratio P-15/P+15 | 1.1 | 1.6 | 1.6 |
| Appearance | dark green to black powder | | |
| Infrared spectrum | Conforms to Structure | | |
| Loss on drying | 0 % | 10 % | 10 % |
| Specific abs. A (1%/1cm)(max.) | | | >=1700 |
| max | 549 - 558 nm (IMS:water = 50:50) | | |