

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Rhodamine B For Microscopy

Catalog Number : L-1220

Batch Number : 1220 -00000000

CAS Number : 81-88-9

Molecular Weight : 479,01 g/mol

Mol. Formula :  $C_{28}H_{31}ClN_2O_3$ 

Expire Date : Oct, 2029

**SAMPLE**

No	Test	Specifications	Results
1	Appearance	Dark green crystalline powder	Dark green crystalline powder
2	Absorption maxima in water	550 - 554 nm	552 nm
3	Absorptivity ( A 1%/1cm ; at max, pH 7, on dried substance	min 2100	2250
4	Loss on drying (at 110 °C)	max 5.0 %	0.41%
5	Suitability for microscopy	passes test	Passes test

C.I.No.45170

Rhodamine B is used in biology as a staining fluorescent dye, sometimes in combination with auramine O, as the auramine-rhodamine stain to demonstrate acid-fast organisms, notably Mycobacterium.

Corresponds to For Microscopy Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.  
Manager QC