

Certificate of Analysis

Date of Testing: 2022-12-29 11:14:49

Date of Next Testing: 2026-12-28 11:14:49

Product Name: **Rose bengal**

CAS Number: 632-69-9

Specifications & Purity: 95%

Lot #: L2227073

SKU #: **R104993**

Analysis: **169283**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Extinction Coefficient: λ 350 - 354 nm	≥ 3000	3010.20
Extinction Coefficient: λ 546 - 550 nm	≥ 98000	98016.20
Extinction Coefficient: λ 513 - 517 nm	≥ 32000	32010.00
Extinction Coefficient: λ 262 - 266 nm	≥ 32000	32018.06
Extinction Coefficient: λ 311 - 315 nm	≥ 12000	12100.80
Purity (HPLC)	95-100 (%)	99.52700 %
Appearance (R104993)	red to brown powder	red to brown powder
$\lambda, c = 0.004\text{g/L H}_2\text{O} + 1\text{ml } 1\% \text{Na}_2\text{CO}_3$	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager