

Certificate of Analysis

Date of Testing: 2024-12-03 10:13:42

Date of Next Testing: 2028-12-02 10:13:42

Product Name: **Rose bengal**

CAS Number: 632-69-9

Specifications & Purity: $\geq 95\%$

Lot #: K2428655

SKU #: **R104993**

Version: **2**

Analysis #: **428231**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Absorptivity(A 1%/1cm;at $\lambda_{\max}$ 544-550nm)	≥ 860	1100.00000
Purity(HPLC)	95-100 (%)	100.00000 %
Appearance (R104993)	red to brown powder	red to brown powder
$\lambda_c=0.001\text{g/L H}_2\text{O}+1\text{ml } 1\% \text{ Na}_2\text{CO}_3$	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager