

08 OCT 2024



## Certificate of Analysis

Description	Rose Bengal (C.I. 45440)
Product number	A4439
CAS number	632-69-9
Formula	C <sub>20</sub> H <sub>2</sub> Cl <sub>4</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>
Molecular weight	1017.65 g/mol
Storage	RT
Lot number	2E009807
QC-release date	13.12.2021
Retest date	12.2025
Version No.	2
Version Date	12.07.2019

Parameter	Specification	Analysis
Appearance	deep red powder	deep red powder
Assay	min. 85 %	≥ 85 %
E 1 %/1 cm, λ <sub>max.</sub> , 1 % Na <sub>2</sub> CO <sub>3</sub>	min. 600	823.1
Identity	passes test	passes test
Solubility (1 %; MeOH)	clear, pink	clear, pink
λ <sub>max.</sub> (1 % Na <sub>2</sub> CO <sub>3</sub> )	543 - 553 nm	544 nm
Loss on drying (2 h; 110°C)	max. 10 %	5.5 %

We hereby guarantee that this product was manufactured by a synthetic method, the raw material is not of animal origin and during the manufacturing process no material of animal origin is used.