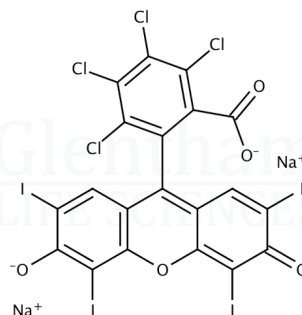


Certificate of Analysis

Product Name Rose Bengal (C.I. 45440)
Glentham Code GT2559
CAS Number 632-69-9
EINECS 211-183-3
Colour Index 45440
MDL Number MFCD00005043
PubChem SID 310279775
Batch Number 713RKG

Molecular Weight 1017.65
Molecular Formula $C_{20}H_2Cl_4I_4Na_2O_5$
Storage Temp. +20°C



Property	Specification	Batch 713RKG
Physical Description	Red to brown powder or crystals	Dark red powder
Solubility (0.1% in water)	Red to dark red solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	540 - 550 nm (in water + 1ml 1% Na ₂ CO ₃)	547.8nm
Absorptivity (1%/1cm)	≥ 750 (λ_{max})	933
Loss on Drying	$\leq 15.0\%$	7.4%
Dye Content	$\geq 80.0\%$	92.3%

Specification Version v1.1
Manufacture Date 2021-08-01
Re-Test Date 2031-06-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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