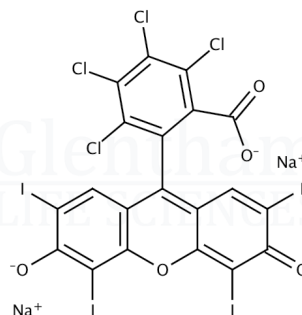


Certificate of Analysis

Product Name	Rose Bengal (C.I. 45440); 90%
Glentham Code	GT3871
CAS Number	632-69-9
EINECS	211-183-3
MDL Number	MFCD00005043
Batch Number	135BAE
Molecular Weight	1017.65
Molecular Formula	$C_{20}H_2Cl_4I_4Na_2O_5$
Storage Temp.	+20°C



Property	Specification	Batch 135BAE
Physical Description	Dark red powder	Dark red powder
Solubility (0.1% in water)	Red solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	546.0 - 550.0 nm	547.8nm
Absorptivity (1%/1cm)	≥ 910 (in water + 1ml 1% Na_2CO_3)	933
Loss on Drying	$\leq 10.0\%$ (1h, 110°C)	7.4%
Dye Content (Spectrophotometry)	$\geq 90.0\%$	92.3%

Specification Version	v1.0
Manufacture Date	2021-08-01
Re-Test Date	2032-01-30

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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