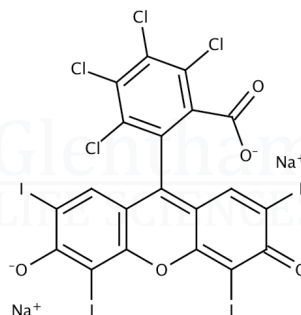


## Certificate of Analysis

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 ( $\lambda_{max}$ )	546.0 - 550.0 nm	547.8nm
Absorptivity (1%/1cm)	$\geq 910$ (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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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