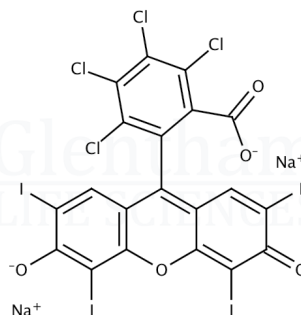


Product Specification

Product Name	Rose Bengal (C.I. 45440)
Glenthams Code	GT2559
CAS Number	632-69-9
EINECS	211-183-3
Colour Index	45440
MDL Number	MFCD00005043
PubChem SID	310279775
Molecular Weight	1017.65
Molecular Formula	$C_{20}H_2Cl_4I_4Na_2O_5$
Storage Temp.	+20°C



Property	Specification
Physical Description	Red to brown powder or crystals
Solubility (0.1% in water)	Red to dark red solution
Wavelength of Maximum Absorption (λ_{max})	540 - 550 nm (in water + 1ml 1% Na ₂ CO ₃)
Absorptivity (1%/1cm)	≥ 750 (λ_{max})
Loss on Drying	$\leq 15.0\%$
Dye Content	$\geq 80.0\%$
Specification Version	- v1.1
Date Created	- 2021-01-06

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

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