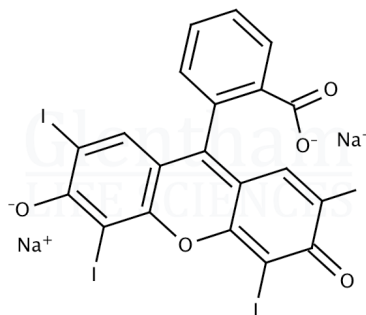


Certificate of Analysis

Product Name	Erythrosin B sodium salt (C.I. 45430); certified
Glentham Code	GT8461
CAS Number	16423-68-0
EINECS	240-046-0
Colour Index	45430
MDL Number	MFCD00144257
PubChem SID	310272648
Additional CAS	568-63-8
Batch Number	921QLT
Molecular Weight	879.87
Molecular Formula	$C_{20}H_{14}I_4Na_2O_5$
Storage Temp.	+20°C



Property	Specification	Batch 921QLT
Physical Description	Dark red, maroon or brown powder	Maroon powder
Solubility (1% in water)	Clear, red-orange to red solution	Conforms
Water Insoluble Matter	≤ 0.2%	0.1%
Subsidiary Dyes	≤ 4.0%	0.4%
Wavelength of Maximum Absorption (λ_{max})	520 - 530 nm	527nm
Absorption Ratio ($\lambda_{max} \pm 15nm$)	Reported	1.45
pH Transition Range	0.0 - 3.5 (yellow to fluorescent red)	Conforms
Dye Content	≥ 80%	91%
Notes	Certified by the Biological Stain Commission	Conforms

Specification Version	v1.0
Manufacture Date	2019-02-01
Re-Test Date	2031-02-23

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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