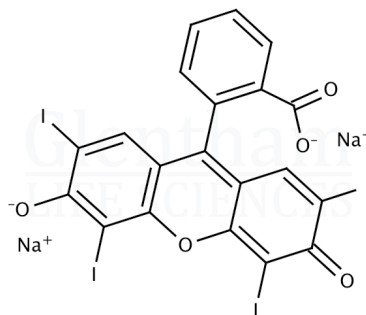


## Certificate of Analysis

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	$C_{20}H_6I_4Na_2O_5$
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 <sub>max</sub> )	520 - 530 nm	527nm
Absorption Ratio (λ <sub>max</sub> ± 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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