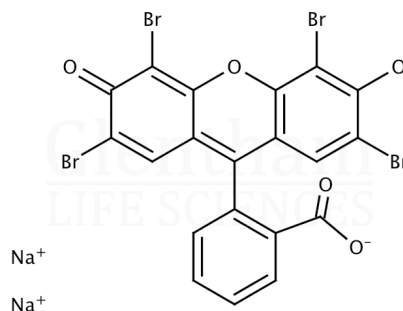


Certificate of Analysis

Product Name Eosin Y (C.I. 45380:2)
Glentham Code GT2503
CAS Number 15086-94-9
EINECS 239-138-3
Colour Index 45380
MDL Number MFCD00036189
PubChem SID 310272569
Batch Number 321FOK

Molecular Weight 647.89
Molecular Formula $C_{20}H_8Br_4O_5$
Storage Temp. +20°C



Property	Specification	Batch 321FOK
Physical Description	Orange, dark orange or yellow-brown powder	Orange powder
Solubility (0.1% in methanol)	Clear, yellow or orange solution	Clear, yellow-orange solution
Water Insoluble Matter	≤ 0.5%	Conforms
Wavelength of Maximum Absorption (λ_{max})	510.0 - 525.0 nm	517.4nm
Absorptivity (1%/1cm)	≥ 1400 (at λ_{max})	1463
Loss on Drying	≤ 1.0%	0.1%
Dye Content	≥ 95.0%	98.7%

Specification Version v1.0
Manufacture Date 2022-11-01
Re-Test Date 2032-04-06

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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