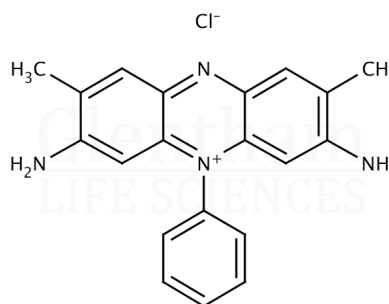


Certificate of Analysis

Product Name	Safranin O (C.I. 50240)
Glentham Code	GT4125
CAS Number	477-73-6
EINECS	207-518-8
Colour Index	50240
MDL Number	MFCD00011759
PubChem SID	310279833
Batch Number	367KYP

Molecular Weight	350.85
Molecular Formula	$C_{20}H_{19}ClN_4$
Storage Temp.	+20°C



Property	Specification	Batch 367KYP
Physical Description	Green to black powder	Dark green powder
Solubility	0.1% in 50% EtOH: Red to dark red, clear solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	530.0 - 534.0 nm (in 50% EtOH)	530.2nm
Specific Absorption	≥ 1500 (λ_{max} , in 50% EtOH)	1540
Water	$\leq 5.0\%$	2.5%

Specification Version	v1.0
Manufacture Date	2023-02-10
Re-Test Date	2032-02-11

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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