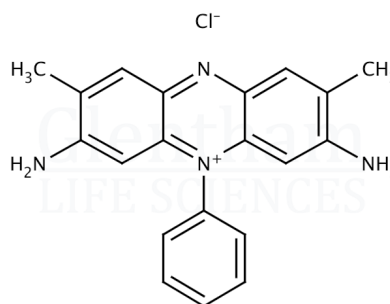


Certificate of Analysis

Product Name Safranine 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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