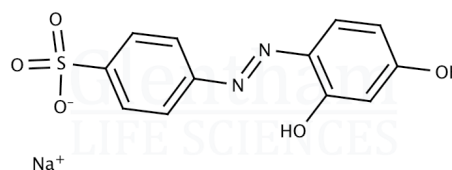


Certificate of Analysis

Product Name	Tropaeolin O (C.I. 14270)
Glentham Code	GT7534
CAS Number	547-57-9
EINECS	208-924-8
MDL Number	MFCD00007499
PubChem SID	310281463
Colour Index	14270
Batch Number	786EXY

Molecular Weight	316.27
Molecular Formula	$C_{12}H_9N_2NaO_5S$
Storage Temp.	+20°C



Property	Specification	Batch 786EXY
Physical Description	Orange to brown powder	Brown-orange powder
Solubility (0.1% in water)	Clear, yellow to orange solution	Conforms
pH Transition Range	11.2 - 12.2 (yellow to orange)	Conforms
Wavelength of Maximum Absorption (λ_{max})	482.0 - 492.0 nm (in 0.1M NaOH)	486.6nm
Absorptivity (1%/1cm)	≥ 530 (at λ_{max})	591
Loss on Drying	$\leq 10.0\%$ (110°C, 1h)	4.42%

Specification Version	v1.0
Manufacture Date	2015-01-01
Re-Test Date	2027-09-13

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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