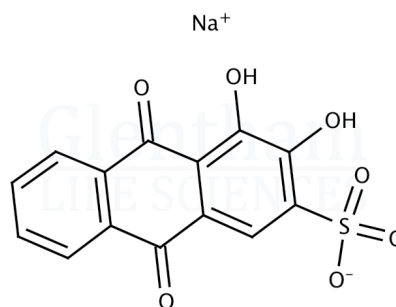


Product Specification

Product Name	Alizarin Red S (C.I. 58005)
Glentham Code	GT6383
CAS Number	130-22-3
EINECS	204-981-8
Colour Index	58005
MDL Number	MFCD00013049
PubChem SID	310265987
Molecular Weight	342.27
Molecular Formula	$C_{14}H_7O_7Na$
Storage Temp.	+20°C



Property	Specification
Physical Description	Yellow, orange or brown powder
Solubility (0.1% in water)	Clear, yellow solution
pH Transition Range(s)	4.3 - 6.3 (yellow to pink) 9.4 - 12.0 (orange-brown to violet)
Wavelength(s) of Maximum Absorption	553.0 - 559.0 nm (0.1M NaOH, λ_{max_1}) 592.0 - 599.0 nm (0.1M NaOH, λ_{max_2})
Specific Absorption (E1%/1cm)	≥ 350 (at λ_{max_1}) ≥ 320 (at λ_{max_2})
Loss on Drying	$\leq 5.0\%$

Specification Version	-	v1.0
Date Created	-	2015-10-15

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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