

Product Datasheet

GT6383 - Alizarin Red S (C.I. 58005)

Pictograms

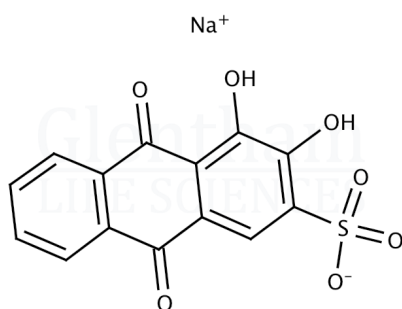


Product Details

Product Name	Alizarin Red S (C.I. 58005)
Glenthams Code	GT6383
CAS Number	130-22-3
EINECS	204-981-8
Farbindex	58005
MDL-Nummer	MFCD00013049
PubChem SID	310265987
Related Categories	Biochemicals, Dyes & Stains

Structure

Molecular Weight	: 342.27
Molecular Formula	: C ₁₄ H ₇ O ₇ SNa



Glenthams Product 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	: ≤ 5.0%
Version	: v1.0

About Alizarin Red S (C.I. 58005)

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Achtung
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

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