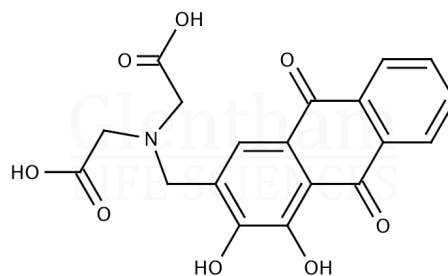


Certificate of Analysis

Product Name Alizarin Complexone
Glentham Code GT6797
CAS Number 3952-78-1
EINECS 223-544-2
MDL Number MFCD00001202
PubChem SID 310265985
Batch Number 505YPG

Molecular Weight 385.33
Molecular Formula $C_{19}H_{15}NO_8$
Storage Temp. +20°C



Property	Specification	Batch 505YPG
Physical Description	Yellow, orange or brown powder	Brown powder
Solubility	10mg/ml in 1M NaOH: Blue to purple solution	Purple solution
Sulphated Ash	≤ 0.5%	0.3%
Water	≤ 9.5%	6.1%
Wavelength of Maximum Absorption (λ_{max})	425 - 430 nm (in methanol)	428nm
Absorptivity (E1%, 1cm cell)	≥ 300 (λ_{max} , 0.1M NaOH)	383
Assay	≥ 97.0% (anhydrous basis)	98.1%

Specification Version v1.1
Manufacture Date 2023-05-01
Re-Test Date 2034-12-09

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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