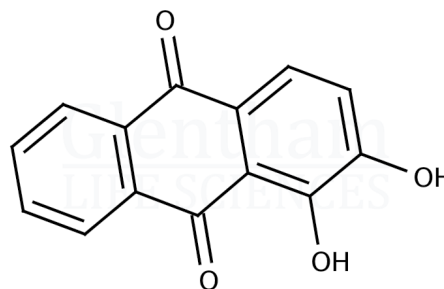


Certificate of Analysis

Product Name Alizarin (C.I. 58000)
Glentham Code GT5801
CAS Number 72-48-0
EINECS 200-782-5
Colour Index 58000
MDL Number MFCD00001201
PubChem SID 310265984
Batch Number 648BKX

Molecular Weight 240.21
Molecular Formula $C_{14}H_8O_4$
Storage Temp. +20°C



Property	Specification	Batch 648BKX
Physical Description	Yellow-orange to brown powder	Orange powder
pH Transition Range	5.5 - 6.8 (yellow to red/violet)	Conforms
Melting Point	≥ 280°C	288 - 289 °C
Sulphated Ash	≤ 1.0%	0.79%
Loss on Drying	≤ 2.0%	1.3%
Dye Content	≥ 95.0%	98.1%

Specification Version v1.0
Manufacture Date 2017-08-10
Re-Test Date 2029-12-03

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025