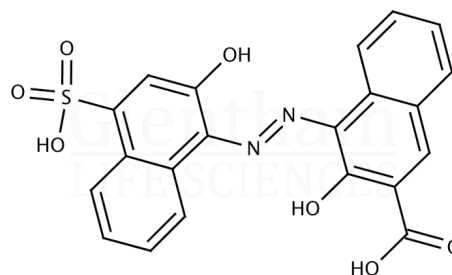


Certificate of Analysis

Product Name Calconcarboxylic acid
Glentham Code GK3350
CAS Number 3737-95-9
EINECS 223-117-0
MDL Number MFCD00004078
PubChem SID 310269236
Batch Number 620UNL

Molecular Weight 438.42
Molecular Formula $C_{21}H_{14}N_2O_7S$
Storage Temp. +20°C



Property	Specification	Batch 620UNL
Physical Description	Dark blue-purple to black powder	Dark blue powder
Solubility (0.1% in ethanol)	Clear solution	Clear, solution
Wavelength of Maximum Absorption (λ_{max})	568.0 - 573.0 nm (in ethanol, acidified)	572nm
Absorptivity (1%/1cm)	≥ 250 (at λ_{max})	323
Sulphated Ash	$\leq 10.0\%$	5.1%
Loss on Drying	$\leq 10.0\%$	8.2%
Suitability as a metal indicator	To pass test	Conforms

Specification Version v1.1
Manufacture Date 2018-12-30
Re-Test Date 2032-11-01

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, 2024