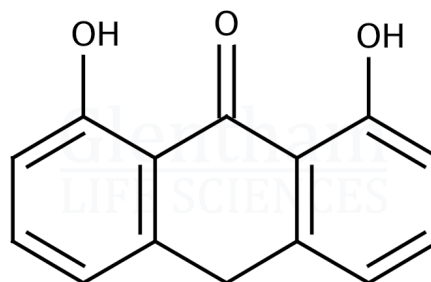


Certificate of Analysis

Product Name Dithranol, EP grade
Glentham Code GC9801
CAS Number 1143-38-0
EINECS 214-538-0
MDL Number MFCD00053409
Batch Number 952VBD

Molecular Weight 226.23
Molecular Formula $C_{14}H_{10}O_3$
Storage Temp. +20°C



Property	Specification	Batch 952VBD
Physical Description	Yellow or brown-yellow crystalline powder	Yellow-brown crystalline powder
Melting Point	178 - 182 °C	180.1°C
Identification (IR)	To conform to standard	Conforms
Identification (TLC)	To pass test	Conforms
Identification	To pass fluorescence test	Conforms
Impurity A	≤ 1.0%	0.049%
Impurity B	≤ 1.0%	0.449%
Impurity C	≤ 1.0%	0.326%
Impurity D	≤ 2.5%	Conforms
Total Impurities	≤ 3.0% (A+B+C+D)	0.82%
Chlorides	≤ 100ppm	Conforms
Loss on Drying	≤ 0.5%	0.27%
Sulphated Ash	≤ 0.1%	0.02%
Assay	98.5 - 101.0 % (dried substance)	99.79%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version v1.0
Manufacture Date 2021-09-01
Re-Test Date 2028-09-22

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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