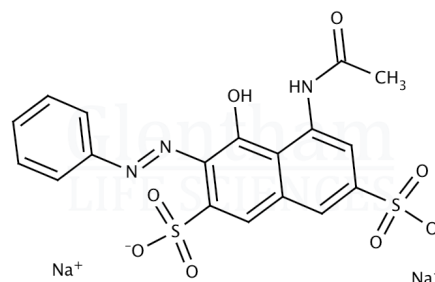


Certificate of Analysis

Product Name Acid Red 1 (C.I. 18050)
Glentham Code GT6503
CAS Number 3734-67-6
EINECS 223-098-9
MDL Number MFCD00003954
Colour Index 18050
PubChem SID 310265776
Batch Number 471UPG

Molecular Weight 509.42
Molecular Formula $C_{18}H_{13}N_3Na_2O_8S_2$
Storage Temp. +20°C



Property	Specification	Batch 471UPG
Physical Description	Red to brown-violet or purple powder	Red-brown powder
Solubility (5% in 50:50 methanol:water)	Red to dark red solution	Dark red solution
Insoluble Matter	≤ 0.2%	0.1%
Wavelength of Maximum Absorption (λ_{max})	527 - 537 nm	535nm
Specific Absorption (E1%/1cm)	≥ 300	453.4
Dye Content	≥ 80%	100.0%

Specification Version v1.2
Manufacture Date 2023-09-01
Re-Test Date 2033-10-24

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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