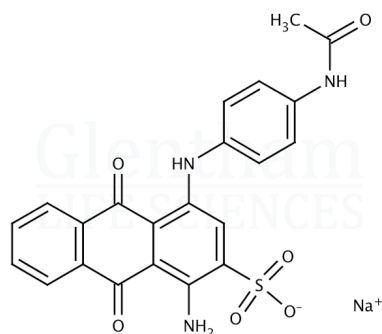


Certificate of Analysis

Product Name Acid Blue 40 (C.I. 62125)
Glentham Code GT4451
CAS Number 6424-85-7
EINECS 229-190-5
MDL Number MFCD00001216
Colour Index 62125
PubChem SID 310265767
Batch Number 622AQJ

Molecular Weight 473.43
Molecular Formula $C_{22}H_{16}N_3NaO_6S$
Storage Temp. +20°C



Property	Specification	Batch 622AQJ
Physical Description	Blue-black powder	Blue powder
Solubility	Soluble in acetone, slightly soluble in alcohol	Conforms
Loss on Drying	≤ 8.0% (105°C, 1h)	6.2%
Insolubles	≤ 0.2%	0.09%
Dye Content	97.5 - 102.5 %	101.0%

Specification Version v1.0
Manufacture Date 2015-08-01
Re-Test Date 2031-01-07

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