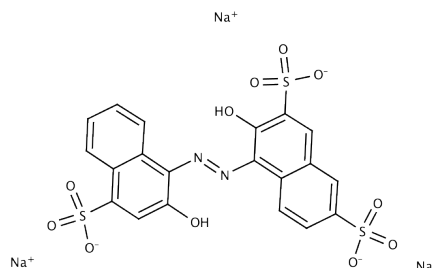


Certificate of Analysis

Product Name Hydroxynaphthol blue
Glentham Code GT3182
CAS Number 63451-35-4
EINECS 264-197-7
MDL Number MFCD00036393
PubChem SID 310274948
Additional CAS 165660-27-5
Batch Number 315RAY

Molecular Weight 620.47
Molecular Formula C₂₀H₁₁N₂Na₃O₁₁S₃
Storage Temp. +20°C



Property	Specification	Batch 315RAY
Physical Description	Dark blue powder	Dark blue powder
Solubility (0.1% in water)	Clear, blue solution	Clear, blue solution
Wavelength of Maximum Absorption	645.0 - 650.0 nm	647.8 nm
Absorptivity (1%/1cm)	≥ 350 (in NH ₄ buffer pH 12.0 + 2ml 0.05 EDTA, at λ _{max})	439
Loss on Drying	≤ 8.0 (105°C, 1h)	4.57%
Suitability for Calcium Determination	To pass test	Conforms

Specification Version v1.0
Manufacture Date 2019-07-02
Re-Test Date 2029-11-26

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, 2021