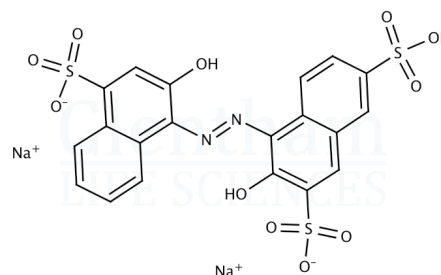


Certificate of Analysis

Product Name Hydroxy naphthol blue disodium salt
Glenthams Code GT4927
CAS Number 165660-27-5
MDL Number MFCD00058506
PubChem SID 310274949
Additional CAS 63451-35-4
Batch Number 299MXX

Molecular Weight 598.49
Molecular Formula $C_{20}H_{12}N_2O_{11}S_3Na_2$
Storage Temp. +20°C



| Property | Specification | Batch 299MXX |
|---------------------------------------|--|------------------|
| Physical Description | Dark blue powder or crystals | Dark blue powder |
| Solubility (0.1% in water) | Clear, deep red to blue solution | Conforms |
| Loss on Drying | ≤ 6.0% | 4.3% |
| Absorptivity (1%/1cm) | 350 - 500 (in NH3 buffer at pH 12.0 + 2ml 0.05M EDTA, at λ_{max} =648nm) | 442 |
| Suitability for Calcium Determination | To pass test | Conforms |

Specification Version v1.0
Manufacture Date 2023-05-10
Re-Test Date 2033-03-11

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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