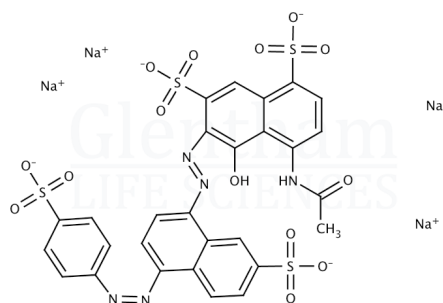


Certificate of Analysis

Product Name Brilliant Black BN (C.I. 28440)
Glenthams Code GT6953
CAS Number 2519-30-4
EINECS 219-746-5
Colour Index 28440
MDL Number MFCD00078980
PubChem SID 310268541
Batch Number 887TIU

Molecular Weight 867.68
Molecular Formula $C_{28}H_{17}N_5Na_4O_{14}S_4$
Storage Temp. +20°C



Property	Specification	Batch 887TIU
Physical Description	Violet to black powder	Conforms
Water Insoluble Matter	≤ 0.2%	0.07%
Wavelength of Maximum Absorption (λmax)	567 - 573 nm (in water)	570nm
Lead (Pb)	≤ 2ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Loss on Drying + Chlorides + Sulphates	≤ 20.0%	17.23%
Ether Extracts	≤ 0.2%	Conforms
Subsidiary Colouring Matter	≤ 4.0%	Conforms
Assay	≥ 80.0% (total colour)	82.70%

Specification Version v1.0
Manufacture Date 2015-02-11
Re-Test Date 2029-05-25

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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