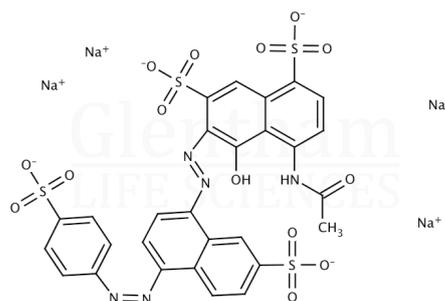


## Certificate of Analysis

Product Name Brilliant Black BN (C.I. 28440)  
Glentham 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 ( $\lambda_{max}$ )	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 2025-05-25

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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