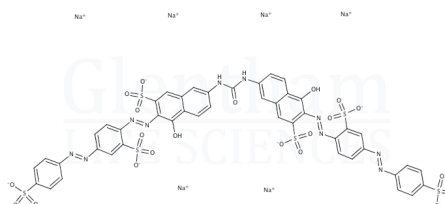


## Certificate of Analysis

Product Name Direct Red 80 (C.I. 35780)  
Glentham Code GT1078  
CAS Number 2610-10-8  
EINECS 220-027-3  
MDL Number MFCD00054389  
Colour Index 35780  
PubChem SID 310272273  
Batch Number 208YFA

Molecular Weight 1373.09  
Molecular Formula  $C_{45}H_{26}N_{10}Na_6O_{21}S_6$   
Storage Temp. +20°C



Property	Specification	Batch 208YFA
Physical Description	Red to purple or dark brown powder	Reddish-brown powder
Solubility	Soluble in water	Conforms
	Very slightly soluble in ethanol	Conforms
Dye Content	≥ 20.0%	21.8%

Specification Version v1.0  
Manufacture Date 2020-03-01  
Re-Test Date 2030-12-01

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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