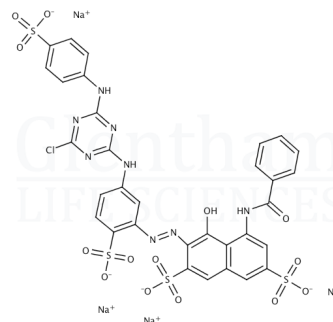


Certificate of Analysis

Product Name Cibacron Brilliant Red 3B-A
Glentham Code GT9393
CAS Number 17681-50-4
EINECS 241-663-8
MDL Number MFCD00009690
PubChem SID 310270247
Colour Index 18105
Batch Number 539ZYQ

Molecular Weight 995.21
Molecular Formula $C_{32}H_{19}ClN_8Na_4O_{14}S_4$
Storage Temp. +20°C



Property	Specification	Batch 539ZYQ
Physical Description	Dark red to maroon-purple powder	Dark red powder
Identification	IR	Conforms
Solubility (0.1% in water)	Clear, pink to dark red solution	Clear, dark red solution
Extinction Coefficient	≥ 14000 (278 - 284 nm)	62300
Dye Content	$\geq 50.0\%$	88.0%

Specification Version v1.0
Manufacture Date 2019-07-01
Re-Test Date 2030-03-04

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.

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