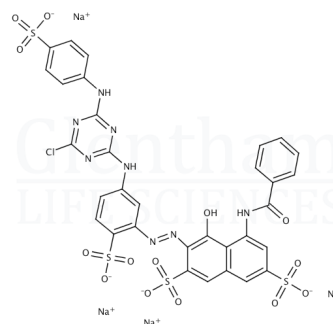


Certificate of Analysis

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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