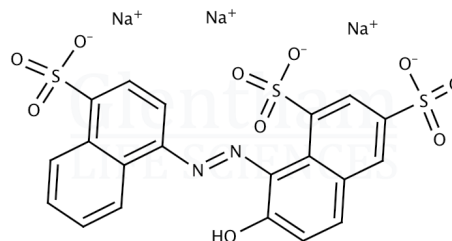


Certificate of Analysis

Product Name Ponceau 4R (C.I. 16255)
Glentham Code GT7227
CAS Number 2611-82-7
EINECS 220-036-2
MDL Number MFCD00004084
PubChem SID 310277722
Additional CAS 15876-47-8
Batch Number 988FQA

Molecular Weight 604.47
Molecular Formula $C_{20}H_{11}N_2Na_3O_{10}S_3$
Storage Temp. +20°C



Property	Specification	Batch 988FQA
Physical Description	Red to brown powder	Dark red powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in water)	Clear, red to dark red solution	Clear, red solution
Water Insoluble Matter	≤ 0.2%	0.06%
Wavelength of Maximum Absorption (λ_{max})	503 - 509 nm	507nm
Heavy Metals (as Pb)	≤ 40ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Subsidiary Colouring Matter	≤ 1.0%	0.4%
Assay	≥ 80.0% (total colour)	86.8%

Specification Version v1.1
Manufacture Date 2020-02-01
Re-Test Date 2032-04-13

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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