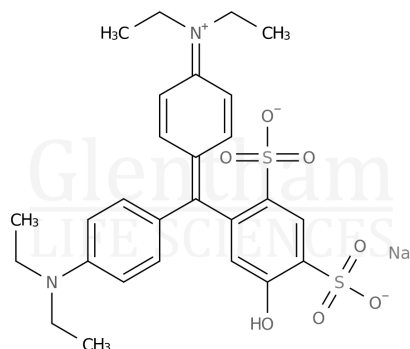


Certificate of Analysis

Product Name	Patent blue V sodium salt (C.I. 42051)
Glentham Code	GT9524
CAS Number	20262-76-4
MDL Number	C27H31N2NaO7S2
Batch Number	984DWY

Molecular Weight	582.66
Molecular Formula	$C_{27}H_{31}N_2NaO_7S_2$
Storage Temp.	+20°C



Property	Specification	Batch 984DWY
Physical Description	Dark blue powder	Conforms
Leuco Base	≤ 4.0%	2.4%
Combined Ether Extract	≤ 0.2%	≤ 0.1%
Water Insoluble Matter	≤ 0.2%	≤ 0.1%
Lead (Pb)	≤ 10ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Heavy Metals (as Pb)	≤ 40ppm	Conforms
Subsidiary Dyes	≤ 2.0%	0.5%
Dye Content	≥ 85.0%	87.1%

Specification Version	v1.0
Manufacture Date	2022-03-24
Re-Test Date	2031-01-26

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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