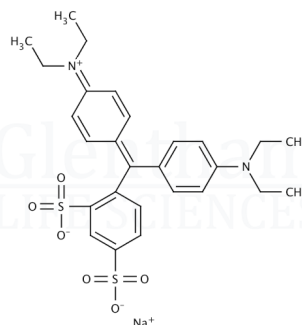


Certificate of Analysis

Product Name	Patent Blue VF (C.I. 42045)
Glenthams Code	GT0175
CAS Number	129-17-9
EINECS	204-934-1
Colour Index	42045
MDL Number	MFCD00012119
Batch Number	156JMD
Molecular Weight	566.66
Molecular Formula	$C_{27}H_{31}N_2NaO_6S_2$
Storage Temp.	+20°C



Property	Specification	Batch 156JMD
Physical Description	Dark blue-green powder	Dark blue-green powder
Solubility (0.1% in water)	Clear, dark blue solution	Opaque, dark blue solution
Wavelength of Maximum Absorption	635.0 - 641.0 nm	640nm
Absorptivity (1%/1cm)	Reported	0.83 - 0.85
Loss on Drying	≤ 5%	< 1%

Specification Version	v1.0
Manufacture Date	2015-12-01
Re-Test Date	2033-04-18

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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