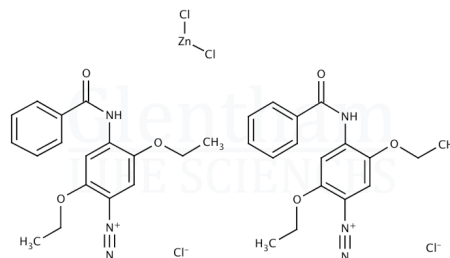


Certificate of Analysis

Product Name	Fast Blue BB salt
Glentham Code	GT5977
CAS Number	5486-84-0
EINECS	226-817-4
MDL Number	MFCD00074765
PubChem SID	310273018
Batch Number	901WOF
Molecular Weight	415.94
Molecular Formula	$C_{17}H_{18}N_3O_3Cl \cdot 1/2(ZnCl_2)$
Storage Temp.	-20°C



Property	Specification	Batch 901WOF
Physical Description	Yellow, brown or dark brown powder	Yellow powder
Solubility (1% in water)	Clear to faintly turbid, yellow to dark brown solution (on heating)	Clear, yellow solution
Wavelength of Maximum Absorption (λ_{max1})	390.0 - 400.0 nm	396.5nm
Specific Absorption (E1%/1cm)	≥ 100 (λ_{max1} , 0.001%, water)	152.7
Wavelength of Maximum Absorption (λ_{max2})	325.0 - 335.0 nm	397.0nm
Specific Absorption (E1%/1cm)	≥ 200 (λ_{max2} , 0.001%, water)	298.1
Dye Content	$\geq 80\%$	Conforms

Specification Version	v1.1
Manufacture Date	2020-12-15
Re-Test Date	2030-12-15

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024