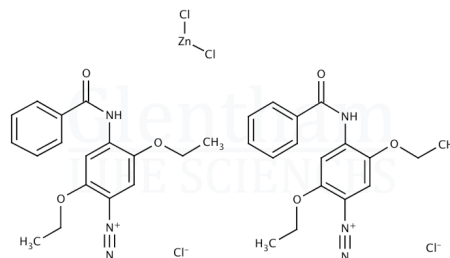


## Certificate of Analysis

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 ( $\lambda_{max1}$ )	390.0 - 400.0 nm	396.5nm
Specific Absorption (E1%/1cm)	$\geq 100$ ( $\lambda_{max1}$ , 0.001%, water)	152.7
Wavelength of Maximum Absorption ( $\lambda_{max2}$ )	325.0 - 335.0 nm	397.0nm
Specific Absorption (E1%/1cm)	$\geq 200$ ( $\lambda_{max2}$ , 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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