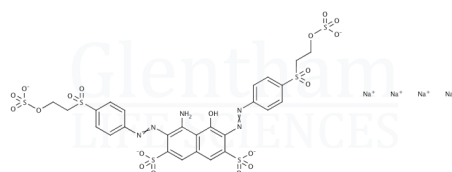


## Product Specification

Product Name	Reactive Black 5
Glentham Code	GT7385
CAS Number	17095-24-8
EINECS	241-164-5
MDL Number	MFCD00013464
Molecular Weight	991.82
Molecular Formula	$C_{26}H_{21}N_5Na_4O_{19}S_6$
Storage Temp.	+20°C



Property	Specification
Physical Description	Dark red-grey, brown or black powder
Identification (IR)	To conform to standard
Solubility (0.1% in water)	Clear, blue solution
Wavelength of Maximum Absorption ( $\lambda_{max1}$ )	307.0 - 313.0 nm (in water)
Extinction Coefficient	$\geq 16400$ (at $\lambda_{max1}$ )
Wavelength of Maximum Absorption ( $\lambda_{max2}$ )	389.0 - 393.0 nm (in water)
Extinction Coefficient	$\geq 7300$ (at $\lambda_{max2}$ )
Wavelength of Maximum Absorption ( $\lambda_{max3}$ )	593.0 - 597.0 nm (in water)
Extinction Coefficient	$\geq 23000$ (at $\lambda_{max3}$ )

Specification Version	- v1.1
Date Created	- 2024-09-06

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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