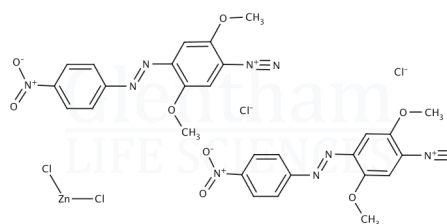


Certificate of Analysis

Product Name	Fast Black K salt hemi zinc chloride
Glentham Code	GT6286
CAS Number	64071-86-9
EINECS	264-656-1
MDL Number	MFCD00078471
PubChem SID	310273016
Batch Number	385EHL
Molecular Weight	417.88
Molecular Formula	$C_{14}H_{12}N_5O_4 \cdot 1/2 ZnCl_4$
Storage Temp.	+20°C



Property	Specification	Batch 385EHL
Physical Description	Red to orange or brown crystalline powder	Brown powder
Solubility (1% in water)	Clear to slightly turbid, red to dark orange or dark red-brown solution	Very slightly turbid, red-brown solution
Wavelength of Maximum Absorption (λ_{max1})	331.0 - 337.0 nm (water)	335 nm
Wavelength of Maximum Absorption (λ_{max2})	450.0 - 460.0 nm (water)	454.5 nm
Absorptivity (E1%, 1cm cell)	≥ 115 (λ_{max1} , water)	142.95
Absorptivity (E1%, 1cm cell)	≥ 45 (λ_{max2} , water)	55.73

Specification Version	v1.1
Manufacture Date	2020-06-30
Re-Test Date	2030-05-20

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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