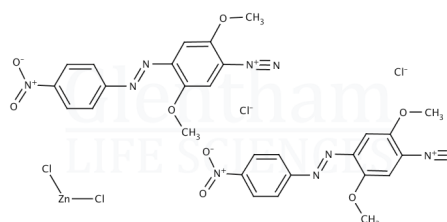


Certificate of Analysis

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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