



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215013
Lot Number: SAMPLE
Product Name: Fast Blue B Salt
CAS Number: 14263-94-6
Molecular Formula: $C_{14}H_{12}N_4O_2Cl_2 \cdot ZnCl_2$
Molecular Weight: 475.47

Test	Specification	Result
Appearance	Yellow green grey or dark brown powder	Yellow green powder
Solubility	Clear to slightly turbid, yellow to orange solution	Complies
Extinction Coefficient (1)	≥ 100 (E1%/1cm)	188.51
Extinction Coefficient (2)	≥ 50 (E1%/1cm)	86.26
λ_{max} 1	302 - 312 nm (10 mg/l, water)	307.5 nm
λ_{max} 2	366 - 371 nm (10 mg/L, water)	371.0 nm
Loss on Drying	$\leq 10.0\%$ (105 °C)	4.8%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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