



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215016
Lot Number: SAMPLE
Product Name: Fast Blue RR Salt
CAS Number: 14726-29-5
Molecular Formula: $C_{15}H_{14}ClN_3O_3 \cdot 1/2ZnCl_2$
Molecular Weight: 387.89

Test	Specification	Result
Appearance	Powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solubility	Clear to hazy, and yellow to green solution at 1 mg/ml in water	Slightly hazy and green-yellow solution
Absorption Excitation (1)	390 - 396 nm	394 nm
Extinction Coefficient (1)	≥ 7000	12943
Absorption Excitation (2)	326 - 332 nm	329 nm
Extinction Coefficient (2)	≥ 15000	23624
Carbon Content	$\geq 38.5\%$	44.1%
Nitrogen Content	$\geq 9.0\%$	10.4%

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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