



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214569
Lot Number: SAMPLE
Product Name: Azure B tetrafluoroborate
CAS Number: 79288-94-1
Molecular Formula: $C_{15}H_{16}BF_4N_3S$
Molecular Weight: 357.18

Test	Specification	Result
Appearance	Powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Absorption Excitation (1)	635 - 641 nm	638 nm
Extinction Coefficient (1)	≥ 80000	86897
Absorption Excitation (2)	286 - 292 nm	289 nm
Extinction Coefficient (2)	≥ 44000	49125
Absorption Excitation (3)	241 - 247 nm	244 nm
Extinction Coefficient (3)	≥ 15000	18324
Carbon	47.7 - 53.2 %	50.5 %
Nitrogen	11.1 - 12.4 %	11.9 %

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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