



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-291853
Lot Number: SAMPLE
Product Name: Alkali Blue 6B
CAS Number: 1324-76-1
Molecular Formula: $C_{37}H_{29}N_3O_3S$
Molecular Weight: 595.7

Test	Specification	Result
Identification (TLC)	Pass test	Complies
Identification (UV)	Pass test	Complies
pH Transition Range	pH 11.5 - 13.0 blue-violet-dark pink	Complies
Extinction Coefficient	≥ 1000	1069
λ_{max}	597 - 602 nm (ethanol)	Complies
Loss on Drying	$\leq 5\%$ (110 °C)	3%
Suitability	Suitability as indicator: pass test	Complies

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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