



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215646
Lot Number: SAMPLE
Product Name: p-(p-Dimethylaminophenylazo)benzoic acid sodium salt
CAS Number: 845-46-5
Molecular Formula: $C_{15}H_{14}N_3O_2Na$
Molecular Weight: 291.28

Test	Specification	Result
active Ingredient	$\leq 22\%$	13%
Appearance	Faint orange to brown powder	Brown-orange powder
Purity (TLC)	$\geq 98\%$	> 99%
Solution (Color)	Dark orange to dark red	Very faint red
Solution (Turbidity)	Clear	Complies
Carbon Content	61.0 - 63.5% (anhydrous)	61.4% (anhydrous)
Nitrogen Content	13.5 - 15.0% (anhydrous)	14.0% (anhydrous)

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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