



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207315A
Lot Number: SAMPLE
Product Name: BCIP p-toluidine salt
CAS Number: 6578-06-9
Molecular Formula: $C_8H_6BrClNO_4P \cdot C_7H_9N$
Molecular Weight: 433.6

Test	Specification	Result
Appearance	White to yellow tan powder	Off-white powder
Identification (FTIR)		Complies
Purity (HPLC)	>99%	99.98%
TLC		Complies
Color of Solution	(1% DMF) Colorless to slightly yellow	Complies
Hydrogen Assay	3.19-3.79%	3.65%
Turbidity	Clear (max. 7.0 NTU)	Clear
Carbon	41.25-41.85%	41.78%
Inorganic Phosphorus	<0.05%	0.01%
Nitrogen	6.16-6.76%	6.55%
Perchloric Acid Titration	(0.1 mol/L) >99.0%	100.1%
Phosphorus	6.8-7.4%	7.0%
Water Content (KF)	<1.0%	0.2%

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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