



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206042
Lot Number: SAMPLE
Product Name: Phenolphthalein bisphosphate tetrasodium salt
CAS Number: 68807-90-9
Molecular Formula: $C_{20}H_{12}O_{10}P_2Na_4$
Molecular Weight: 566.21

Test	Specification	Result
Appearance	White to light yellow to light brown powder	Faint yellow powder
Purity (TLC)	$\geq 92.5\%$	99.1%
Solubility	Clear to slightly hazy and colorless to faint yellow solution at 50 mg/mL in H ₂ O	Clear and colorless solution at 50 mg/mL in H ₂ O
Solvent Content (GC)	$\leq 10\%$	7%
Content	Free Phenolphthalein: $\leq 0.02\%$	0.01%
Phosphorus	10.4 - 11.5% (dry basis)	11.4%
Sodium	14.6 - 18.0% (dry basis)	16.1%
Water Content (KF)	$\leq 16\%$	10%

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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