



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203363B
Lot Number: SAMPLE
Product Name: Potassium phthalate monobasic
CAS Number: 877-24-7
Molecular Formula: $C_8H_5KO_4$
Molecular Weight: 204.22

Test	Result
Appearance	White crystalline powder
Purity (Titration)	100.03% (anhydrous basis)
Density	1.64
Melting Point	~295°C (dec.)
pH	4.01 (0.05 M solution at 25°C)
Solubility	10 g in 100 mL water at 25°C
Heavy Metals (Pb)	< 5 ppm
Insoluble Matter	0.004%
Chlorine	< 0.003%
Iron	< 5 ppm
Sodium	0.0041%
Sulfur	< 0.002% (as SO ₄)

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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