



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215730
Lot Number: SAMPLE
Product Name: Polyguanylic acid potassium salt
CAS Number: 54684-83-2
Molecular Formula:
Molecular Weight:

Test	Specification	Result
Appearance (Color)	Lyophilized powder, white or white with a yellow cast	Lyophilized white powder
Purity (TLC)	at least 98%	99%
pH	7.0	7.0
Solubility	water (19.6-20.4 mg/mL)	water (20 mg/mL)
Solution (Clarity)	Slightly Hazy, clear, very faint hazy or faint hazy	Faint Hazy
Solution (Color)	colorless, light yellow or faint yellow	colorless
A250/A260	1.0-1.1	1.080
A280/A260	0.50-0.56	0.557
E1%	at least 200	256
λ_{\max}	251-255 nm	253 nm

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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