



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-361971
Lot Number: SAMPLE
Product Name: Polyvinylpyrrolidone
CAS Number: 9003-39-8
Molecular Formula: $(C_6H_9NO)_x$
Molecular Weight: Ave ~ 8,000

Test	Result
Appearance	White powder
Identification	Complies
Identification (Infrared Spectrum)	Authentic
pH	4.0 (5 % aqueous solution)
Solution	Free of haze (5 % aqueous solution, 25°C)
Color Value	European color test – B color: 6 European color test – BY color: 6 European color test – R color: 6
Heavy Metals (Pb)	≤ 10 ppm
Impurity	Hydrazine: ≤ 1 ppm
Aldehyde	0.0026%
Nitrogen Content	12.2% (on anhydrous substance)
Peroxide	49 ppm (titanyl sulfate method)
Sulfated Ash	≤ 0.1%
Water Content (KF)	1.5%
K-Valued	17 (5 % solids w/v aqueous solution)

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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