



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203343
Lot Number: SAMPLE
Product Name: p-Toluenesulfonic acid monohydrate
CAS Number: 6192-52-5
Molecular Formula: $C_7H_8O_3S \cdot H_2O$
Molecular Weight: 190.22

Test	Specification	Result
Appearance	White to almost white powder to crystal	White crystal
Purity (HPLC)	$\geq 98.0\%$	99.9%
Purity (Neutralization Titration)	98.0 - 102.0% (after drying)	99.9%
Melting Point	104.0 - 107.0 °C	105.3 °C
Solubility	Almost transparency solution in water	Transparency solution in water
Loss on Drying	$\leq 3.0\%$	1.1%

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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