



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-208786
Lot Number: SAMPLE
Product Name: 1,3,6,8-Pyrenetetrasulfonic acid tetrasodium salt
CAS Number: 59572-10-0
Molecular Formula: $C_{16}H_6O_{12}S_4 \cdot 4Na$
Molecular Weight: 610.43

Test	Specification	Result
Appearance	White to yellow powder or crystals	Light yellow powder
Identification (^{13}C -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.0\%$	99.7%
Purity (Titration, Ion Exchange)	$\geq 98.0\%$	101.9%
Fluorescence Emission Max	385 ± 2 nm	385.0 nm
Luminescence	Consistent with requirements	Complies
Loss on Drying	$\leq 15\%$	5.7%

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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