



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-267377
Lot Number: SAMPLE
Product Name: 4-Chloro-2,5-dimethylbenzenesulfonamide
CAS Number: 219689-73-3
Molecular Formula: $C_8H_{10}ClNO_2S$
Molecular Weight: 219.69

Test	Specification	Result
Appearance	White/ white to pale brown solid or powder	White solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Purity (1H -NMR)	> 97%	Complies
Elemental Analysis	97 - 103% purity based on average C, H and N combustion.	98.7% purity based on average C, H and N combustion.
Melting Point	191 - 195 °C	193.5 - 194.5 °C
Solution (Clarity)	Forms a clear colorless to pale brown solution in DMSO, no particulates	Forms a clear colorless solution in DMSO, no particulates

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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