



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-237224
Lot Number: SAMPLE
Product Name: trans-Permethrin solution
CAS Number: 61949-77-7
Molecular Formula: $C_{21}H_{20}Cl_2O_3$
Molecular Weight: 391.29

Test	Specification	Result
Appearance	Colorless to light yellow liquid	Colorless liquid
Identification (LCMS)	Consistent with requirements	Complies
Purity (HPLC)	$\geq 95.0\%$	99.1%
Concentration	Concentration Comp1: $\sim 10 \mu\text{g/ml}$ (solvent: cyclohexane)	10.07 $\mu\text{g/ml}$, solvent is cyclohexane
Refractive Index (n _{20/D})	1.4243 - 1.4283	1.4263

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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