



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-298112A
Lot Number: SAMPLE
Product Name: 2-(4-Methylphenyl)malonaldehyde
CAS Number: 27956-35-0
Molecular Formula: $C_{10}H_{10}O_2$
Molecular Weight: 162.19

| Test | Specification | Result |
|-------------------------|---------------------------|----------|
| Appearance | Yellow powder | Complies |
| Identification (1H-NMR) | Consistent with structure | Complies |
| Identification (LCMS) | Consistent with structure | Complies |
| Purity (1H-NMR) | 87% | Complies |
| Purity (LCMS) | 87% | Complies |
| Melting Point | 131 - 134 °C | 130 °C |

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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