



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-258290  
Lot Number: SAMPLE  
Product Name: Triethyl phosphonoacetate-13C2  
CAS Number: 100940-60-1  
Molecular Formula:  $(^{13}\text{C}_2)\text{C}_6\text{H}_{17}\text{O}_5\text{P}$   
Molecular Weight: 226.18

| Test                     | Specification              | Result   |
|--------------------------|----------------------------|----------|
| Appearance               | Colorless and clear liquid | Complies |
| Identification (1H-NMR)  | Consistent with structure  | Complies |
| Identification (13C-NMR) | Consistent with structure  | Complies |
| Purity (1H-NMR)          | $\geq 99\%$                | 99%      |
| Purity (GC)              | $\geq 99\%$                | 99%      |
| Water Content (KF)       | $\leq 0.5\%$               | 0.4%     |

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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