

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-232357
Lot Number: SAMPLE

Product Name: 4-Acetamido-2,2,6,6-tetramethylpiperidine

CAS Number: 40908-37-0 Molecular Formula: $C_{11}H_{22}N_2O$ Molecular Weight: 198.31

| Test | Specification | Result |
|------------------------------------|--------------------------------|--------------|
| Appearance | White solid powder or crystals | White powder |
| Gas Liquid Chromatography | 13.7 - 14.5% | 14.02% |
| Identification (Infrared Spectrum) | Consistent with structure | Complies |
| Carbon Content | 65.0 - 68.3% | 66.27% |
| Nitrogen Content | 97.5% | 99.9% |
| Water Content (CHN) | | 0.30% |

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