



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252161
Lot Number: SAMPLE
Product Name: 4-Hydroxypiperidine
CAS Number: 5382-16-1
Molecular Formula: $C_5H_{11}NO$
Molecular Weight: 101.15

| Test | Specification | Result |
|------------------------------------|--|--|
| Appearance | White to yellow powder or crystals or powder with chunk(s) or crystals with chunk(s) | White crystals |
| Identification (Infrared Spectrum) | Consistent with structure | Complies |
| Purity (GC) | $\geq 97.5\%$ | $> 99.9\%$ |
| Purity (Nonaqueous Titration) | 97.5 - 102.5% ($HClO_4$) | 99.8% |
| Solubility | Clear to very slightly hazy and colorless to yellow solution at 50 mg/ml in ethanol | Clear to very faint yellow solution at 50 mg/ml in ethanol |

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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