



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-253772  
Lot Number: SAMPLE  
Product Name: (Trimethylsilyl)methylamine  
CAS Number: 18166-02-4  
Molecular Formula: C<sub>4</sub>H<sub>13</sub>NSi  
Molecular Weight: 103.24

| Test                                  | Specification                           | Result           |
|---------------------------------------|---|------------------|
| Appearance                            | Colorless to almost colorless liquid    | Colorless liquid |
| Identification (1H-NMR)               | Consistent with structure               | Complies         |
| Purity (GC)                           | ≥ 98.0%                                 | 98.2%            |
| Purity (Nonaqueous Titration)         | 98.0 - 102.0% (HClO <sub>4</sub> 0.1 M) | 99.0%            |
| Refractive Index (n <sub>20</sub> /D) | 1.415 - 1.417                           | 1.416            |

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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