



SHANGHAI ORIPHANT CHEMISTY CO., LTD.

源象化学  
ORIPHANT CHEMISTY

### Certification of Analysis

|                       |                           |   |
|-----------------------|---------------------------|---|
| <b>Product Name</b>   | Tris(dimethylamino)silane |   |
| <b>CAS No.</b>        | 15112-89-7                | <br>$\begin{array}{c} \text{H} \\   \\ \text{Me}_2\text{N}-\text{Si}-\text{NMe}_2 \\   \\ \text{NMe}_2 \end{array}$ |
| <b>Batch No.</b>      | 101013003031522001        |   |
| <b>Date of MFG</b>    | 2022.6.15                 |   |
| <b>Date of Test</b>   | 2022.6.16                 |   |
| <b>Date of Expiry</b> | 2022.12.15                |   |

| No. | Test Item                              | Specification         | Result                |
|-----|--|-----------------------|-----------------------|
| 1   | Appearance(Color)                      | colorless             | colorless             |
| 2   | Appearance(Form)                       | liquid                | liquid                |
| 3   | Purity (1H-NMR)                        | 99%min                | 99%+                  |
| 4   | 1H-NMR                                 | confirms to structure | confirms to structure |
| 5   | Purity (Based On Trace Metals Anaysis) | 99.99% min            | 99.999%               |

**Conclusion: Conform to the standard of electronic grade chemicals**

Analyzer : Hua Wu

Approved: Yuelai Zhang

Report Date:2022.6.16