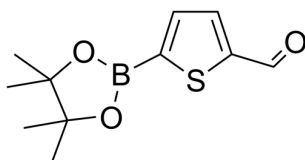


## Certificate of Analysis

### Compound Information

|                            |   |
|----------------------------|---|
| <b>Product Name:</b>       | 5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde |
| <b>Cat. No.:</b>           | 1050717   |
| <b>CAS No.:</b>            | 1040281-83-1  |
| <b>Molecular Formula:</b>  | C <sub>11</sub> H <sub>15</sub> BO <sub>3</sub> S                       |
| <b>Molecular Weight:</b>   | 238.11  |
| <b>Chemical Structure:</b> |   |



### Batch Information

|                     |  |
|---------------------|--|
| <b>Batch No.:</b>   | Ld090416862                                      |
| <b>Storage:</b>     | -20°C, protect from light, stored under nitrogen |
| <b>Test Date:</b>   | 2020-09-04                                       |
| <b>Retest Date:</b> | 2023-09-03                                       |
| <b>Origin:</b>      | Shanghai, China                                  |

### QC Summary

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to light yellow (Solid)   |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>Purity (NMR):</b>               | ≥97.0%  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Research use only and are not intended for human use.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai