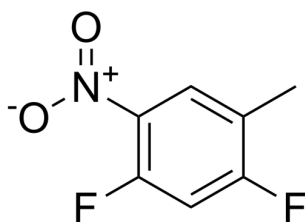


## Certificate of Analysis

### Compound Information

|                            |  |
|----------------------------|--|
| <b>Product Name:</b>       | 2,4-Difluoro-5-nitrotoluene                                  |
| <b>Cat. No.:</b>           | 1223933  |
| <b>CAS No.:</b>            | 179011-38-2  |
| <b>Molecular Formula:</b>  | C <sub>7</sub> H <sub>5</sub> F <sub>2</sub> NO <sub>2</sub> |
| <b>Molecular Weight:</b>   | 173.12   |
| <b>Chemical Structure:</b> |  |



### Batch Information

|                     |                           |
|---------------------|---------------------------|
| <b>Batch No.:</b>   | Le082696048               |
| <b>Storage:</b>     | Store at room temperature |
| <b>Test Date:</b>   | 2021-08-27                |
| <b>Retest Date:</b> | 2026-08-26                |
| <b>Origin:</b>      | Shanghai, China           |

### QC Summary

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | Light yellow to yellow (Solid)  |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>Purity (HPLC):</b>              | 99.80%  |
| <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