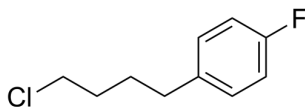


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	1-(4-Chlorobutyl)-4-fluorobenzene
<b>Cat. No.:</b>	1113032
<b>CAS No.:</b>	54540-58-8
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>12</sub> ClF
<b>Molecular Weight:</b>	186.65
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L331459
<b>Storage:</b>	Storage temp. 2-8°C
<b>Test Date:</b>	2018-04-28
<b>Retest Date:</b>	2026-04-27
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Liquid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Assay (QNMR):</b>	96.5%
<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.**

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