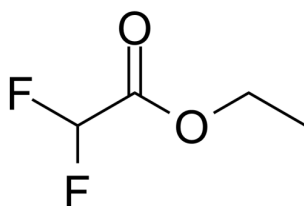


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Ethyl 2,2-difluoroacetate
<b>Cat. No.:</b>	1032964
<b>CAS No.:</b>	454-31-9
<b>Molecular Formula:</b>	C <sub>4</sub> H <sub>6</sub> F <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	124.09
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le1102106194
<b>Storage:</b>	Storage temp. -20°C
<b>Mfg. Date:</b>	2021-11-05
<b>Retest Date:</b>	2024-11-04
<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>Purity (GC):</b>	99.59%
<b>Water(KF):</b>	0.08%
<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

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