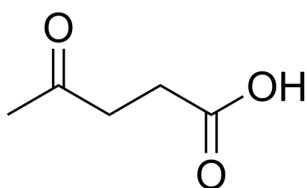


## Certificate of Analysis

### Compound Information

Product Name:	Levulinic acid
Cat. No.:	1018727
CAS No.:	123-76-2
Molecular Formula:	C <sub>5</sub> H <sub>8</sub> O <sub>3</sub>
Molecular Weight:	116.12
Chemical Structure:	



### Batch Information

Batch No.:	Lb1231009
Storage:	Storage temp. 2-8°C
Test Date:	2019-01-19
Retest Date:	2022-01-18
Origin:	Shanghai, China

### QC Summary

Appearance:	Colorless to off-white (<30°C Solid,>33°C Liquid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (GC):	99.75%
Conclusion:	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