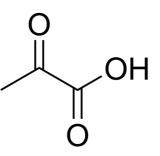


Certificate of Analysis

| Compound Information | |
|----------------------|--------------|
| Product Name: | Pyruvic acid |
| Cat. No.: | 1019130 |
| CAS No.: | 127-17-3 |
| Molecular Formula: | $C_3H_4O_3$ |
| Molecular Weight: | 88.06 |
| Chemical Structure: | Ο |



Batch Information

| Batch No.: | Le080492889 |
|--------------|------------------------------|
| Storage: | 2-8°C, stored under nitrogen |
| Mfg. Date: | 2021-08-04 |
| Retest Date: | 2024-08-03 |
| Origin: | Shanghai, China |

QC Summary

| Appearance: | Colorless to light yellow (<11°C Solid,>12°C Liquid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity: | 96.10% |
| Residue on Ignition: | 0.01% |
| 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 Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai

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