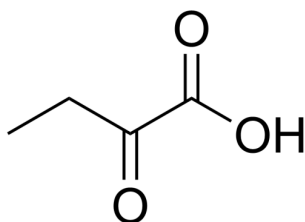


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | 2-Oxobutanoic acid |
| Cat. No.: | 1037191 |
| CAS No.: | 600-18-0 |
| Molecular Formula: | C ₄ H ₆ O ₃ |
| Molecular Weight: | 102.09 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | L361650 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2024-02-19 |
| Retest Date: | 2027-02-18 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Colorless to light yellow (<30°C Solid,>34°C Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 98.48% |
| 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