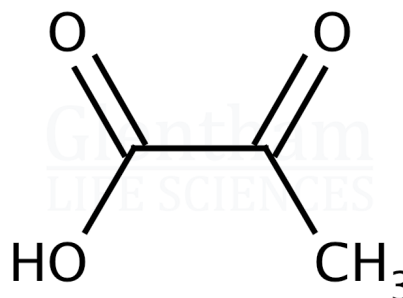


Certificate of Analysis

| | |
|---------------|--------------|
| Product Name | Pyruvic acid |
| Glentham Code | GK4217 |
| CAS Number | 127-17-3 |
| EINECS | 204-824-3 |
| MDL Number | MFCD00002585 |
| PubChem SID | 310279504 |
| Batch Number | 164BYF |

| | |
|-------------------|-------------|
| Molecular Weight | 88.06 |
| Molecular Formula | $C_3H_4O_3$ |
| Storage Temp. | +4°C |



| Property | Specification | Batch 164BYF |
|-------------------------|--|----------------------------|
| Physical Description | Clear, colourless to light-yellow or yellow liquid | Clear, light-yellow liquid |
| Refractive Index (20°C) | 1.4250 - 1.4310 | 1.4302 |
| Assay (Titration) | 98.0 - 102.0 % | 99.1% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2023-06-07 |
| Re-Test Date | 2031-09-13 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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