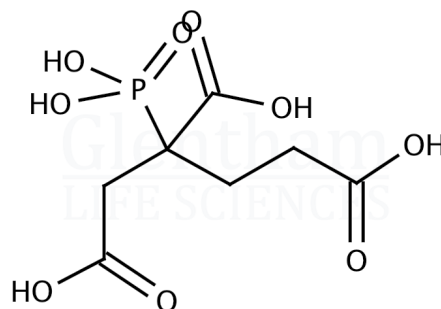


Certificate of Analysis

| | |
|-------------------|---|
| Product Name | 2-Phosphonobutane-1,2,4-tricarboxylic acid solution |
| Glentham Code | GX4575 |
| CAS Number | 37971-36-1 |
| EINECS | 253-733-5 |
| MDL Number | MFCD01940753 |
| Batch Number | 491FPP |
| Molecular Weight | 270.13 |
| Molecular Formula | $C_7H_{11}O_9P$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 491FPP |
|----------------------|----------------------------------|-------------------|
| Physical Description | Colourless to pale yellow liquid | Colourless liquid |
| Concentration | 47.0 - 53.0 % | 50.5% |
| Iron (Fe) | ≤ 5ppm | 4.64ppm |
| Chloride (Cl) | ≤ 10ppm | 7.49ppm |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2020-06-02 |
| Re-Test Date | 2028-06-02 |

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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