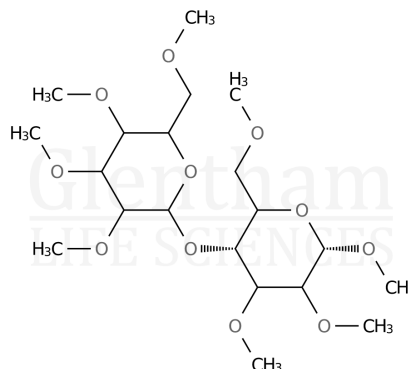


Certificate of Analysis

| | |
|-------------------|--------------------------------|
| Product Name | Methyl cellulose |
| Glentham Code | GC0717 |
| CAS Number | 9004-67-5 |
| MDL Number | MFCD00081763 |
| Batch Number | 933CDZ |
| Molecular Weight | N/A |
| Molecular Formula | $[C_6H_7O_2(OH)_x(OCH_3)_y]_n$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 933CDZ |
|----------------------|--|--------------|
| Physical Description | White to off-white powder | White powder |
| Viscosity | 3000 - 5600 mPa.s (2%, LVT, 20°C) | 3985 mPa.s |
| Methoxyl | 25 - 33 % | Conforms |
| Water | ≤ 10.0% | 1.9% |
| pH | 5.0 - 8.0 | 6.2 |
| Ash | ≤ 1.5% (as Na ₂ SO ₄) | Conforms |
| Gelling Temperature | 50 - 55 °C | Conforms |
| Heavy Metals (as Pb) | ≤ 20ppm | Conforms |
| Lead (Pb) | ≤ 2ppm | Conforms |
| Arsenic (As) | ≤ 3ppm | Conforms |
| Cadmium (Cd) | ≤ 1ppm | Conforms |
| Mercury (Hg) | ≤ 1ppm | Conforms |
| Assay | 90 - 99 % | Conforms |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2020-03-24 |
| Re-Test Date | 2029-03-19 |

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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