

Certificate of Analysis

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|---------------|--------------|
| Product Name | Litmus |
| Glentham Code | GT7868 |
| CAS Number | 1393-92-6 |
| MDL Number | MFCD00131528 |
| Batch Number | 638XIX |

| | |
|-------------------|-------|
| Molecular Weight | - |
| Molecular Formula | - |
| Storage Temp. | +20°C |

| Property | Specification | Batch 638XIX |
|--|---|-------------------------|
| Physical Description | Dark blue to purple or black granules or crystalline powder | Conforms |
| Solubility (0.1% in water) | Very dark blue solution | Very dark blue solution |
| pH Transition Range | 4.5 - 8.3 (red to blue) | Conforms |
| Wavelength of Maximum Absorption (λ_{max}) approx. | 583nm | 581nm |
| Loss on Drying | $\leq 10.0\%$ | 4.9% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2022-09-01 |
| Re-Test Date | 2029-11-18 |

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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