

Certificate of Analysis

| | |
|---------------|------------------|
| Product Name | Leishman's stain |
| Glentham Code | GT6256 |
| CAS Number | 12627-53-1 |
| EINECS | 235-732-1 |
| MDL Number | MFCD00131498 |
| Batch Number | 035TMC |

| | |
|-------------------|----------------------|
| Molecular Weight | 428.39 |
| Molecular Formula | $C_{24}H_{16}N_2O_6$ |
| Storage Temp. | +20°C |

| Property | Specification | Batch 035TMC |
|---|--|---|
| Physical Description | Dark green to very dark green powder | Very dark green crystalline powder |
| Solubility (0.1% in methanol) | Clear to very faintly turbid, blue solution (with greenish fluorescence) | Very faintly turbid, blue solution (with greenish fluorescence) |
| Wavelength of Maximum Absorption (λ_{max1}) | 520 - 530 nm (in methanol) | 523nm |
| Wavelength of Maximum Absorption (λ_{max2}) | 635 - 645 nm (in methanol) | 641nm |
| Absorptivity (1%/1cm) | 650 - 850 (in methanol, λ_{max1}) | 758 |
| Absorptivity (1%/1cm) | 900 - 1100 (in methanol, λ_{max2}) | 1089 |
| Loss on Drying | $\leq 15.0\%$ | 8.0% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2023-05-01 |
| Re-Test Date | 2033-09-29 |

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024