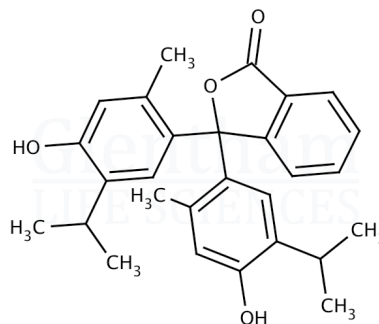


Certificate of Analysis

Product Name Thymolphthalein
Glentham Code GT1470
CAS Number 125-20-2
EINECS 204-729-7
MDL Number MFCD00005909
PubChem SID 310280975
Batch Number 674UAD

Molecular Weight 430.55
Molecular Formula $C_{28}H_{30}O_4$
Storage Temp. +20°C



| Property | Specification | Batch 674UAD |
|--|---------------------------------------|----------------|
| Physical Description | White to off-white powder or crystals | White powder |
| Solubility (0.1% in ethanol) | Clear to very faintly turbid solution | Clear solution |
| pH Transition Range | 9.3 - 10.5 (colourless to blue) | Conforms |
| Wavelength of Maximum Absorption (λ_{max}) | 592.0 - 596.0 nm (in 0.1M NaOH) | 593.8nm |
| Absorptivity (1%/1cm) | ≥ 800 (at λ_{max}) | 919 |
| Loss on Drying | $\leq 3.0\%$ (110°C) | 0.7% |

Specification Version v1.0
Manufacture Date 2023-07-02
Re-Test Date 2033-10-10

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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