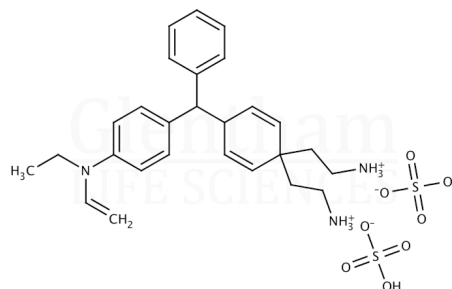


## Certificate of Analysis

Product Name Brilliant Green (C.I. 42040)  
Glentham Code GT6123  
CAS Number 633-03-4  
EINECS 211-190-1  
Colour Index 42040  
MDL Number MFCD00011880  
PubChem SID 310268543  
Batch Number 304MHM

Molecular Weight 482.65  
Molecular Formula  $C_{27}H_{34}N_2O_4S$   
Storage Temp. +20°C



| Property                         | Specification                            | Batch 304MHM             |
|----------------------------------|------------------------------------------|--------------------------|
| Physical Description             | Green to green-yellow crystalline powder | Green crystalline powder |
| Dye Content                      | ≥ 95% (TiCl3 titration)                  | 99.0%                    |
| Wavelength of Maximum Absorption | ~625nm in 50% ethanol                    | 625nm                    |
| Absorption Ratio                 | 0.94 - 1.14 (Lambda max ± 15nm)          | 1.09                     |
| Loss on Drying                   | ≤ 5.0%                                   | 1.08%                    |
| pH Transition Range              | 0.0 - 2.6 (yellow-green)                 | Conforms                 |

Specification Version v1.0  
Manufacture Date 2018-12-03  
Re-Test Date 2029-08-29

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](http://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