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ThermoFisher
S C I E N T I F I C

Product Specifications

Product 22960

Brilliant Green, pure, high purity biological stain

General Product Data

Version 4
CAS No 633-03-4
Molecular weight 482.64
Molecular formula C₂₇H₃₄N₂O₄S
Linear formula

Product Specifications

| | |
|-----------------------------------|--|
| Appearance (Color) | Green to green-yellow |
| Appearance (Form) | Crystalline powder or crystals |
| Infrared spectrum | Conforms |
| Loss on drying | ≤5 % (105°C) |
| UV Lambda max | 425 to 431 nm (in 50% ethanol) 625 to 631 nm (in 50% ethanol) |
| Absorption Ratio P-15/P+15 | 0.94 to 1.14 |
| Specific absorbance A (1%/1cm) | ≥1900 (at 625 to 631 nm) |
| Visual transition interval | from pH 0.0 (yellow) to pH 2.6 (green) |

Product Specifications are subject to amendment and may change over time.