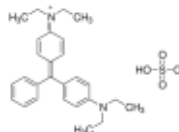


Certificate of Analysis

Product Name:

Brilliant Green - certified by the Biological Stain Commission

Product Number: B4014
Batch Number: SHBS4578
Brand: SIGMA
CAS Number: 633-03-4
MDL Number: MFCD00011880
Formula: C₂₇H₃₄N₂O₄S
Formula Weight: 482.63 g/mol
Quality Release Date: 03 MAR 2025



Test	Specification	Result
% Dye content	≥ 90 %	99 %
Biological Stain Commission	Pass	Pass
Commission Certified Number: AcBg-27		
Appearance (Form)	Powder or Crystals	Crystals
Solubility (Color)	Blue-Green	Dark Blue-Green
1 mg/mL, H ₂ O		
Carbon	58.0 - 68.0 %	64.4 %
Nitrogen	4.9 - 6.1 %	5.6 %
E1%	≥ 1750	2040
628 to 632 nm in 50 % EtOH		



Larry Coers, Director
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

