



CERTIFICATE OF ANALYSIS

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1. Identification

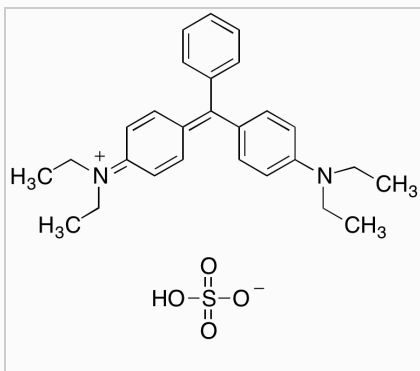
Catalogue Number: B677415

CAS Number: 633-03-4

Product: Brilliant Green

Synonym: C.I. Basic Green 1; 12415 Green; ADC Brilliant Green Crystals; Aizen Diamond Green GH; Aizen Malachite Green GH; Astra Diamond Green GX; Astrazon Green D; Avon Green A 4379; Basic Bright Green; Basic Bright Green Sulfate; Basic Brilliant Green; Basic Green 1; Basic Green V; Brilliant Green; Brilliant Green B; Brilliant Green BP; Brilliant Green BP Crystals; Brilliant Green BPC; Brilliant Green Crystals; Brilliant Green Crystals H; Brilliant Green DSC; Brilliant Green G; Brilliant Green GX; Brill

Structure:



Molecular Formula:

C₂₇H₃₄N₂O₄S

Molecular weight:

482.64

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-TTK-163-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Beige to Very Dark Green Solid	Very Dark Green Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 63.34, %H: 7.04, %N: 5.59
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	208 nm, 320 nm, 428 nm, 626 nm

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	3/14/2024	3/12/2028
				