

Certificate of Analysis

Date of Testing:	2024-06-04 15:15:29
Date of Next Testing:	2026-05-25 15:15:29
Product Name:	Bromocresol green sodium salt
CAS Number:	62625-32-5
Specifications & Purity:	ACS reagent, 90 %
Lot #:	I2216160
SKU #	B106062
Version	0
Analysis #:	364306

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	92.70000 %
Extinction Coefficient(λ :306 - 310 nm , 0.01g/L, Water)	≥ 10000	10040.00
Extinction Coefficient(λ :394 - 406 nm , 0.01g/L, Water)	≥ 8000	8010.00
Extinction Coefficient(λ :614 - 618 nm , 0.01g/L, Water)	≥ 25000	25040.00
Appearance (B106062)	Dark Green to Brown to Black Crystal to Powder	Dark Green to Brown to Black Crystal to Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insoluble Matter (c = 0.1g/100ml; H ₂ O)	pass	Pass
PH Transition interval, pH 3.8 (yellow) to pH 5.4 (blue)	Conforms	Conforms
Visual Interval, pH 3.8 = Yellow	Conforms	Conforms
Visual Interval, pH 4.5 = Green	Conforms	Conforms



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager