

Certificate of Analysis

Date of Testing: 2024-02-02 09:55:20
Date of Next Testing: 2026-01-22 09:55:20
Product Name: **Bromocresol green sodium salt**
CAS Number: 62625-32-5
Specifications & Purity: ACS reagent,90 %
Lot #: G1415040
SKU #: **B106062**
Analysis: **319570**

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	97.63300 %
Extinction Coefficient(λ :306 - 310 nm , 0.01g/L, Water)	≥ 10000	12275.41
Extinction Coefficient(λ :394 - 406 nm , 0.01g/L, Water)	≥ 8000	9104.13
Extinction Coefficient(λ :614 - 618 nm , 0.01g/L, Water)	≥ 25000	33285.25
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



John Su
QA & QC Manager