

## Certificate of Analysis

Date of Testing: 2022-11-29 15:44:22  
Date of Next Testing: 2024-11-18 15:44:22  
Product Name: **Bromocresol purple**  
CAS Number: 115-40-2  
Specifications & Purity: 98%  
Lot #: K2222367  
SKU #: **B101196**  
Analysis: **133375**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.42000 %
Absorbance(5mg/L, pH 7.2, 588.0 to 592.0 nm)	$\geq 0.54$	0.62
Appearance (B101196)	Grey to purple or pink or brown powder or chunks	Grey to purple or pink or brown powder or chunks
PH Transition interval,pH 5.2 (yellow) - p 6.8 (purple)	Conforms	Conforms
Solubility,Clear,c = 0.1% in EtOH	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager