

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Bromocresol green,indicator (pH 3.8-5.4)

ITEM NUMBER: B100222
BRAND: Aladdin
CAS NUMBER: 76-60-8
MDL NUMBER: MFCD00005874
FORMULA: C₂₁H₁₄Br₄O₅S
MOLECULAR WEIGHT: 698.01

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Absorbance(5mg/L, pH5.8, 613.0 to 617.0 nm)			>=0.25
Appearance	Powder		
Ignition residue (as sulfate)	0 %	0.5 %	0.5 %
Infrared spectrometry	Conforms to Structure		
loss on drying	0 %	1 %	1 %
Solubility in NaOH solution	almost transparency		
Transition interval	pH 3.8 (yellow) to pH 5.4 (blue)		