

Product name:

Bromocresol Green

Synonyms: 3,3',5,5'-Tetrabromo-m-cresolsulfonphthalein, BCG

CAS number: 76-60-8

General information:		
	Chemical formula: C ₂₁ H ₁₄ Br ₄ O ₅ S	Molar Mass: 698.04 g/mol
	Appearance: Yellow to tan colored powder	Bulk density: 350 kg/m ³
	Solub. in water: Slightly Soluble	Melting point: 217-218 °C
	Boiling point: 626 °C at 760 mmHg	pH value : 3.8-5.4 (Yellow to blue)
	Storage temp.: No Temp Limit	Cautions: Not a hazardous substance
	R: N/A	S: N/A
	HS-No.: 2934 99 90	EC Number: 200-972-8

Hazard Symbol

Safety Information

Grade

ACS

Specification:				
	Description		Conforms	
	Solubility		Conforms	
	Dye content	≥	95.0	
	Identification (IR)		Conforms	
	pH 3.8-5.4		Yellow to blue	
	Appearance of solution		Conforms	
	Absorption maxima (0.003% Methanol)		418-428	nm
	Molar Absorptivity at lambda max	≥	17000	
	Loss on drying (110°C)	≤	3.0	%
	Transition range		Conforms	
	Sensitivity		Conforms	

Ordering code	10 g	25 g	50 g	100 g	250g
P.E.					
Glass	618.16.00010.01				