

275 – BROMO CRESOL GREEN SODIUM, AR GRADE

REF NO: TBL/QA/SS/LC/275	STANDARD SPECIFICATION FOR BROMO CRESOL GREEN SODIUM, AR GRADE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	62625-32-5
Chemical Formula	$C_{21}H_{14}Br_4NaO_5S$
Formula weight	720.0
Functional Uses	Bromocresol Green (BCG) is a pH sensitive triphenylmethane dye useful in a variety of colorimetric detection technologies. BCG is used as a tracking dye for DNA agarose gel electrophoresis, in protein determinations and in charge-transfer complexation processes. In TLC BCG is used for visualisation of the compounds with functional groups whose pKa is below 5.0.
Standard Packaging	5 gm, 25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Pale buff colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Colour change	Yellow To Blue
pH Range	3.8 – 5.4

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

