

## 1614 – BROMOCRESOL PURPLE, AR GRADE

REF NO: TBL/QA/SS/LC/1614	<b>STANDARD SPECIFICATION FOR BROMOCRESOL PURPLE, AR GRADE</b>	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code:1614

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	115-40-2
<b>Chemical Formula</b>	C <sub>21</sub> H <sub>16</sub> Br <sub>2</sub> O <sub>5</sub> S
<b>Formula weight</b>	540.24
<b>Functional Uses</b>	Bromocresol purple has been used as a pH indicator in the yeast culture media. It has been used as a pH indicator in the culture media of <i>Geobacillus stearothermophilus subsp. Calidolactis</i> . Spectrophotometric determination of serum-albumin.
<b>Standard Packaging</b>	5 gm., 25 gm. & 100 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Light pink to purple color powder.
Solubility	Soluble in alcohol. Practically insoluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH range	5.2 – 6.8
Color change	Yellow – Purple
Purity	About – 90.0%

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

