

## 1656 – BROMOPHENOL BLUE INDICATOR, AR GRADE

REF NO: TBL/QA/SS/LC/1656	<b>STANDARD SPECIFICATION FOR BROMOPHENOL BLUE INDICATOR, AR GRADE</b>	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code:1656

### PRODUCT PROPERTIES

C.A.S Number	115-39-9
Chemical Formula	C <sub>19</sub> H <sub>10</sub> Br <sub>4</sub> O <sub>5</sub> S
Formula weight	669.96
Functional Uses	Bromphenol Blue is used as a tracking dye in DNA, RNA (agarose) and protein (polyacrylamide) gel electrophoresis. Bromophenol blue migrates at approximately the same rate as 300-500bp DNA in agarose gel and at the buffer front in protein polyacrylamide gels.
Standard Packaging	5 gm, 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Pale Brown to Pink color crystals / powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting point	273°C
pH Range	3.0 – 4.6

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

