



# Product Specifications

## BROMOPHENOL BLUE

<u>Catalog #</u>	<u>Size</u>
IB74040	25gm

### Physical Specifications

CAS#	115-39-9
Formula Weight	669.96
Molecular Formula	$C_{19}H_{10}Br_4O_5S$
Purity	>98.0%
pH (1.0 M, water)	$7.0 \pm 0.4$
Insolubles	<0.01%

### Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

### Recommended Use

Bromophenol Blue is used as a tracking dye to monitor the progress of electrophoresis separation. Bromophenol Blue usually comigrates with DNA molecules around 0.5kb. Therefore, Bromophenol Blue provides an index of the mobility of the fastest fragments and is valuable in determining the length of the gel over which the separation of DNA has occurred.

*Please Note: Tracking dyes may interfere with the ability to visualize the fragments that comigrate with them.*

### Storage

Store at room temperature. Protect from moisture. Keep tightly sealed. Light Sensitive.

### Warning

Irritant. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Wash thoroughly after handling. See Material Safety Data Sheet for additional information.