

## CERTIFICATE OF ANALYSIS

<b>Product:</b>	<b>BROMO PHENOL BLUE</b>
<b>Catalog Number:</b>	<b>115-39-9</b>
<b>Molecular Formula:</b>	<b>C19H10Br4O5S</b>
<b>Molecular Weight:</b>	<b>669.96</b>
<b>Lot No.:</b>	<b>120207</b>
<b>Expiry Date:</b>	<b>02/2024</b>
<b>Storage:</b>	<b>RT dry, tightly closed lined container</b>

TESTS	SPECIFICATIONS	RESULTS
<b>Appearance :</b>	Passes test	Light pink powder
<b>Transition Range :</b>		Ph3.1-pH4.6 (Greenish yellow Blue violet)
<b>Solubility 0.1% (EtOH) :</b>	Passes test	Clear Solution
<b>Absorptivity 1%, 1cm</b> <b>(pH3.1) at <math>\lambda</math> max 437.2nm</b> <b>(pH4.6) at <math>\lambda</math> max 591.6nm :</b>	350-385 940-1000	361 983
<b>Dye content by Spectrophotometry :</b>	> 95%	98.3%
<b>Loss on Drying at 110°C (1hr) :</b>	< 1%	0.85%
<b>Transition range acc.to ACS</b>	To passes test	Passes test

洪倩  
**Quality Inspector**