

Certificate of Analysis

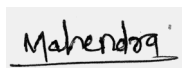
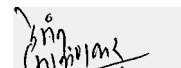
Material Name: Bromophenol blue, Hi-CertTM/ACS**CAS Number :** 115-39-9**Material Code :** GRM117**Lot Number :** 0000606001**Molecular Formula :** C₁₉H₁₀Br₄O₅S**Report No :** 90000052399

| TEST | SPECIFICATIONS | RESULTS |
|--------------------------------|---|--------------|
| Appearance | Beige to brown or purple crystals or powder | Beige powder |
| Solubility | 20 ppm in ethanol yields clear solution | Complies |
| Visual pH Transition | pH 3.00 (yellow) - pH 4.60 (blue) | Complies |
| Absorption maxima 1 | 432nm - 442nm | 436.97 nm |
| Absorption maxima 2 | 586nm - 596nm | 591.79 nm |
| Loss on drying (at 105°C, 2hr) | <= 5.00% | 0.25% |

STATUS : APPROVED

QC Release Date : 2023-08-31

Expiry Date : 2027-08-28


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This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current technical data.

This document has been produced electronically and is valid with out signature.