

## **CERTIFICATE OF ANALYSIS**

The Power to Question

Catalog Number: sc-215802 Lot Number: SAMPLE

Product Name: Remazol brilliant blue R

CAS Number: 2580-78-1

Molecular Formula:  $C_{22}H_{16}N_2Na_2O_{11}S_3$ 

Molecular Weight: 626.54

| Test             | Specification  | Result                  |
|------------------|--|-------------------------|
| Appearance       | Dark blue to black powder                                  | Very dark blue powder   |
| Solubility       | Dark blue solution (c= 1mg/ml; Water)                      | Very dark blue solution |
| Dye Content      | ~50% Calculated from Nitrogen<br>Recommended Retest Period | Complies                |
| Nitrogen Content | 1.8 - 2.9 %  | 1.8 %                   |

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