

## Certificate of Analysis

Date of Testing: 2022-02-15 17:20:09

Date of Next Testing: 2023-02-10 17:20:09

Product Name: **Pyrocatechol violet**

CAS Number: 115-41-3

Specifications & Purity: Indicator

Lot #: B2209027

SKU #: **P105016**

**Analysis:** **063629**

Storage Temperature: Argon charged

| Parameter                                                   | Limit Values          | Result                |
|-------------------------------------------------------------|-----------------------|-----------------------|
| Absorbance(E1%1cm) (MeOH, 442.0 to 445.0 nm)(calcd.on dried | ≥400                  | 434.23                |
| Loss on drying                                              | 0-10 (%)              | 2.81 %                |
| Lambda max (MeOH)                                           | 442-445 (nm)          | 444.00 nm             |
| Appearance (P105016)                                        | green to brown powder | green to brown powder |
| Infrared spectrum                                           | Conforms to Structure | Conforms to Structure |
| Sensitivity to pH indicator                                 | Pass                  | Pass                  |
| Solubility,Red to Brown(1 mg/mL, H2O)                       | pass                  | Pass                  |
| Test as an indicator for EDTA titrations                    | Pass                  | Pass                  |



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