

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-12 14:02:11

Date of Next Testing: 2026-08-02 14:02:11

Product Name: **Sodium 2,6-dichloroindophenolate hydrate (DCIP)**

CAS Number: 620-45-1(anhydrous basis)

Specifications & Purity:  $\geq 95\%$ (T)

Lot #: H2402046

SKU #: **D109064**

Version: **1**

Analysis #: **287979**

Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

| Parameter                                                                     | Limit Values                      | Result                            |
|-------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| UV Absorbance $\lambda_{\max}$                                                | $\leq 605$ (nm)                   | 604.00000 nm                      |
| Loss on drying(120°C,2h)                                                      | 0-14 (%)                          | 10.95068 %                        |
| Purity(HPLC)                                                                  | 95-100 (%)                        | 96.26000 %                        |
| Appearance (D109064)                                                          | green to black powder or crystals | green to black powder or crystals |
| Infrared spectrum                                                             | Conforms to Structure             | Conforms to Structure             |
| Proton NMR spectrum                                                           | Conforms to Structure             | Conforms to Structure             |
| Solubility in H <sub>2</sub> O , Dark Blue,Clear to very faintly turbid,0.02% | pass                              | Pass                              |
| Suitability for Interfering Dyes                                              | Pass                              | Pass                              |



John Su  
QA & QC Manager