

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-16 11:42:02

Date of Next Testing: 2025-11-05 11:42:02

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

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

Specifications & Purity: ≥95%(T)

Lot #: K2309257

SKU #: **D109064**

Version: **1**

Analysis #: **287979**

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

Parameter	Limit Values	Result
UV Absorbance λ_{max}	$\leq 605(\text{nm})$	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 ₂ O , Dark Blue,Clear to very faintly turbid,0.02%	pass	Pass
Suitability for Interfering Dyes	Pass	Pass



John Su
QA & QC Manager