## **Certificate of Analysis**

## **DCIP** (hydrate sodium)

Cat. No.: HY-D0018A

CAS No.: 283164-79-4

Batch No.: 265844

Chemical Name: Sodium 4-((3,5-dichloro-4-oxocyclohexa-2,5-dien-1-ylidene)amino)phenolate hydrate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_8Cl_2NNaO_3$ 

Molecular Weight: 308.09

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Brown to black (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.46%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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