## **Certificate of Analysis**

## **Cobalt phthalocyanine**

Cat. No.: HY-18761
CAS No.: 3317-67-7
Batch No.: 322321

Chemical Name: Cobalt, [29H,31H-phthalocyaninato(2-)-ĸN29,ĸN30,ĸN31,ĸN32]-, (SP-4-1)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{32}H_{16}CoN_8$ Molecular Weight: 571.46

**Storage:** 4°C, protect from light, stored under nitrogen

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

**Chemical Structure:** 

$$\begin{array}{c|c}
N & N \\
N & N \\
N & N \\
N & N
\end{array}$$

## **ANALYTICAL DATA**

Appearance: Pale purple to purple (Solid)

Purity: ≥98.0%

**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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