# **Certificate of Analysis**

## **Eosin Y**

 Cat. No.:
 HY-D0505

 CAS No.:
 15086-94-9

 Batch No.:
 156310

Chemical Name: Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_8Br_4O_5$ Molecular Weight: 647.89

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:**

#### **ANALYTICAL DATA**

Appearance: Yellow to orange (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

**Purity (LCMS):** 99.54%

**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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