

## **Certificate of Analysis**

## Orange I

 Cat. No.:
 HY-D0929

 CAS No.:
 523-44-4

 Batch No.:
 155224

Chemical Name: Benzenesulfonic acid, 4-[2-(4-hydroxy-1-naphthalenyl)diazenyl]-, sodium salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>16</sub>H<sub>11</sub>N<sub>2</sub>NaO<sub>4</sub>S

Molecular Weight: 350.32

Storage: 4°C, protect from light

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Brown to reddish brown (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 86.26%

**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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