# **Certificate of Analysis**

## L-Thyroxine (sodium salt pentahydrate)

Cat. No.: HY-18341A CAS No.: 6106-07-6 Batch No.: 13901

**Chemical Name:** L-Tyrosine, O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-, sodium salt, hydrate (1:1:5)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{15}H_{20}I_4NNaO_9$ 

888.93 Molecular Weight:

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:** 

H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

## **ANALYTICAL DATA**

White to light yellow (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.38%

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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