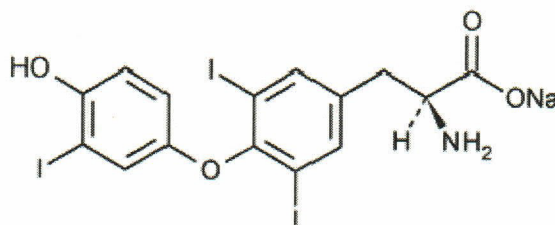


Batch no	IF-LI-260424
Mf date	Apr 24 2026
Expiry	Apr 23 2029

Molecular Structure



Molecular Formula $C_{15}H_{11}I_3NNaO_4$
Molecular Weight 672.96
CAS Registry Number 55-06-1

May 15 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Light yellow to buff-colored powder	Conforms
Solubility	Very slightly soluble in water; slightly soluble in alcohol; practically insoluble in most other organic solvents	Conforms
Identification	UV, Tests with sulfuric acid & sodium, RRT	Positive
Specific rotation	+18° ~ +22°	+19.3°
Loss on drying (105°C, 2hr)	≤ 4.0%	2.4%
Sodium content	2.9 ~ 4.0%	2.96%
Chloride content	≤ 1.2%	< 1.2%
Levothyroxine sodium (HPLC)	≤ 5.0%	0.53%
Assay HPLC (odb)	95.0 ~ 101.0% of $C_{15}H_{11}I_3NNaO_4$	98.09%

Packaging & storage	Preserve in well-closed, light-resistant & tight containers; in cool & dry place
Long term storage	Storage temperature: 2 ~ 8°C
Conclusion	Material complies with USP41