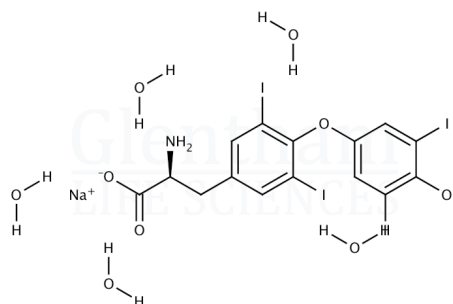


Certificate of Analysis

Product Name L-Thyroxine sodium pentahydrate
Glentham Code GP5241
CAS Number 6106-07-6
EINECS 200-221-4
MDL Number MFCD00149110
Additional CAS 25416-65-3
Additional CAS 55-03-8
PubChem SID 310280981
Batch Number 964JLP

Molecular Weight 888.93
Molecular Formula $C_{15}H_{10}I_4NNaO_4 \cdot 5H_2O$
Storage Temp. -20°C



Property	Specification	Batch 964JLP
Physical Description	White to off-white powder	Off-white powder
Identification (IR)	To conform to standard	Conforms
Specific Optical Rotation	-5.0 - -6.0 ° (c=3 in 2:1, EtOH : 1M NaOH)	-5.5°
Water (KF)	8.0 - 11.0 %	8.5%
Liothyronine Sodium	≤ 2.0%	0.6%
Sodium (Na)	2.0 - 3.9 %	3.87%
Assay (HPLC)	≥ 98.0%	99.4%

Specification Version v1.2
Manufacture Date 2023-03-18
Re-Test Date 2030-12-06

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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