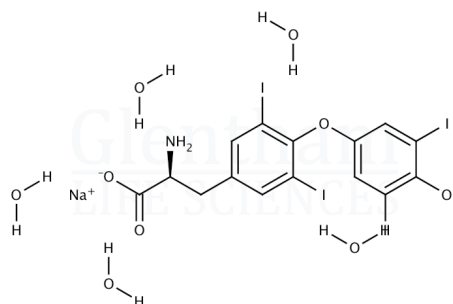


Certificate of Analysis

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	351OGQ

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



Property	Specification	Batch 351OGQ
Physical Description	White to off-white powder	Off-white powder
Identification (IR)	To conform to standard	To conform to standard
Specific Optical Rotation	-5.0 - -6.0 ° (30mg/ml in 2:1, EtOH : 1M NaOH)	-5.5°
Water (KF)	8.0 - 11.0 %	8.5%
Liothyronine Sodium	≤ 2.0%	0.6%
Assay (HPLC)	≥ 98.0%	99.4%

Specification Version	v1.1
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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