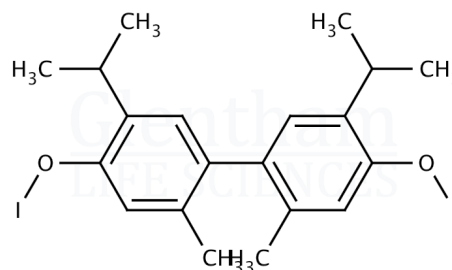


## Certificate of Analysis

Product Name	Thymol iodide
Glentham Code	GT6465
CAS Number	552-22-7
EINECS	209-007-5
MDL Number	MFCD00026409
PubChem SID	310280974
Batch Number	141PLR
Molecular Weight	550.21
Molecular Formula	$C_{20}H_{24}I_2O_2$
Storage Temp.	+4°C



Property	Specification	Batch 141PLR
Physical Description	Red-brown to yellow powder	Dark yellow powder
Solubility	Very soluble in chloroform, slightly soluble in alcohol and insoluble in water	Conforms
Loss on Drying	≤ 5.0%	0.8%
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	241.0 - 246.0 nm (chloroform)	243.0 nm
Specific Absorption ( $E_{1\%}^{1cm}$ )	≥ 320	375.1
Assay (I)	42.0 - 47.0 % (anhydrous basis)	43.5%

Specification Version	v1.0
Manufacture Date	2020-07-27
Re-Test Date	2031-05-28

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024