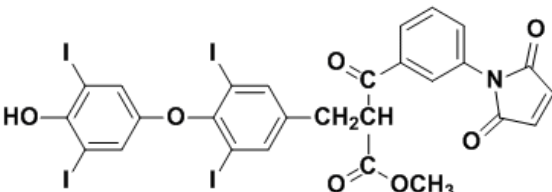


Certificate of Analysis

(C of A)

Name:		MBTM N-(3-Maleimidylbenzoyl)-thyroxine, methyl ester			
Catalog Number:		6557		Lot:	50557
CAS Number:		69343-52-8		Formula:	C ₂₇ H ₁₈ I ₄ N ₂ O ₇
Molecular Weight:		990.07 (g/mol)			
		Observed		Standard	
HPLC Purity:		96% at 254 nm		≥ 90% at 254 nm	
Absorption (Acetonitrile)					
Wavelength (λ _{max}):		208 nm		210 ± 3 nm	
Extinction:		81,300 cm ⁻¹ M ⁻¹		77,600 ± 5,000 cm ⁻¹ M ⁻¹	
TLC Purity:		> 99%		≥ 90%	
TLC System:		1:1 Hexane/ Ethyl acetate			
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		15075	Release:	12-Aug-2015	Expiration: 12-Aug-2025
Structure:					

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 12-Aug-2015

Signature: 