

CERTIFICATE OF ANALYSIS

Name of the Product /Compound	:	Heptakis(6-S-(2-Carboxyethyl)-6-thio)-mono(6-S-(2-carboxyethyl)-(S)-sulfinyl) cyclomaltooctaose (Sulfoxide-II Impurity)		
Product Code	:	2179	Date of Analysis	: 29/10/2022
Batch No.	:	BP/2179/IMP/21/0019	Valid Up to	: 28/10/2023
A.R.No.	:	AL/22/10/459	STP No.	: STP-SGD-FP-02-02
Manufacturing Date	:	Oct'2021	Page No.	: 1 of 1

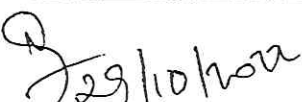
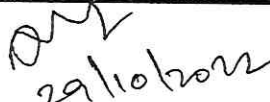

S. No.	Test Parameter	Specification	Result
1.0	Description	For information only	Off-white color powder
2.0	Identification by		
	a) IR Spectroscopy	The Infrared absorption spectrum of the sample must conform to functional groups	Conforms
	*b) ¹ H NMR Spectroscopy	Should conform to structure	Conforms
	*c) Mass Spectroscopy	Should conform to mass	Conforms
3.0	Chromatographic purity by HPLC (% Area)	For information only	96.67
#4.0	TGA(% w/w)	For information only	6.770

Potency (%): 89.9

#These tests were considered from initial qualification analysis.

*These tests were considered from initial characterization analysis.

Remarks: The product **Conforms** to above specifications.

Compiled by	Reviewed by	Approved by
 29/10/2022	 29/10/2022	 29/10/2022 Dr. G. Raja
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Manager - Analytical Research and Development - Analytical Laboratory	Manager - Analytical Research and Development - Analytical Laboratory	Sr. Manager- Quality Assurance

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