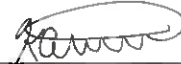


part of Maravai LifeSciences

Product Name Sulfo ChromaLINK® Biotin (Water Soluble)
Product Catalog No. B-1007-110
Unit Size 10 mg
Lot No. ZJ0601
Lot Expiration Date July 31, 2023

ASSAY	SPECIFICATION	LOT DATA
APPEARANCE	Pale to bright yellow solid	PASS
FUNCTIONAL TEST	Successful conjugation to bovine IgG with MSR \geq 3	PASS
¹ H NMR	CONFORMS TO STANDARD	PASS
MASS SPEC	TARGET MASS \pm 5 AMU	PASS
SOLUBILITY	\geq 10 mg/mL in DMF	PASS

Quality Assurance: 

Date: 06/06/2022

Vector Laboratories on behalf of Maravai LifeSciences, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.