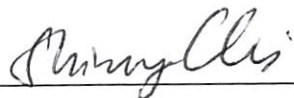


Product Name PHA-L, Unconjugated
Product Catalog No. L-1110-5
Unit Size 5 mg
Lot No. ZG0826
Lot Expiration Date No expiration date.

ASSAY	SPECIFICATION	LOT DATA
ACTIVITY	>/= 85%	PASS
SDS-PAGE	EQUIVALENT TO STANDARD	PASS

Quality Assurance



Date:

8/26/2020

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.