

# Certificate of Analysis



**Product Name:** N-(4-pentynoyl)-galactosamine-tetraacylated (Ac4GalNAI)  
**Catalog Number:** CCT-1156  
**Lot Number:** 5830  
**Manufacturing date:** 29 APR 2024  
**Retest date:** 29 APR 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Grey solid	White to Off-white to grey to yellow amorphous solid
Purity		
HPLC, ELSD	100%	≥ 90%
HPLC, 210 nm	91.3%	≥ 90%
LCMS	Confirms	In accordance with structure

Quality Assurance *Alexandra Kulyashova*

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Date: 13 MAY 2024

*Vector Laboratories 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.*