

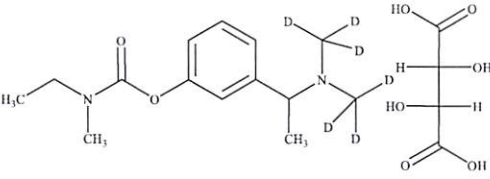
Certificate of Analysis

Certificate No.: **20250227005**


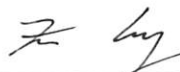
Date: February 27, 2025

Retest date: February 21, 2028

Compound Name: <i>rac</i> -Rivastigmine- <i>d</i> ₆ Hydrogen Tartrate	
Synonyms:	3-(1-(bis(methyl- <i>d</i> ₃)amino)ethyl)phenyl ethyl(methyl)carbamate, 2,3-dihydroxysuccinic acid (1:1)
TLC Catalogue Number:	R-071
CAS Number:	N/A
Alternate CAS Number:	194930-04-6 (free base)
Molecular Weight:	256.38 150.09
Molecular Formula:	C ₁₄ H ₁₆ D ₆ N ₂ O ₂ · C ₄ H ₆ O ₆
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6694-048A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Water, Acetonitrile, Methanol, DMSO, Ethanol



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.9%
Impurity (HPLC)	N/A	
Isotopic Enrichment	Not less than 98.0%	99.6%
Residual Solvents (NMR)	1.3% acetonitrile	
Assay (qNMR)	Not less than 90.0%	95.6%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		03/03/2025
Approved by:	Quality Assurance		03/03/2025

Attachments: Peak Attribution Table, HPLC, IR, MS and NMR spectra.