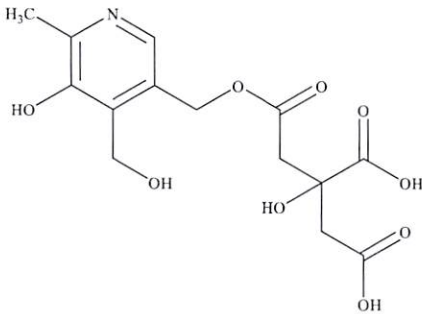


Certificate of Analysis


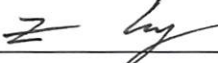
Certificate No.: 20260623016

Date: June 23, 2026

Retest date: June 18, 2029

Compound Name:	Pyridoxine Citric Acid Adduct 1	
Synonyms:	2-hydroxy-2-(2-((5-hydroxy-4-(hydroxymethyl)-6-methylpyridin-3-yl)methoxy)-2-oxoethyl)succinic acid	
TLC Catalogue Number:	P-7158	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	343.29	
Molecular Formula:	C ₁₄ H ₁₇ NO ₉	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7463-096A6	
Storage Conditions:	Store at 2-8 °C	
Solubility:	DMSO, Water	

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%	99.1%
Impurity (HPLC)	RT 3.13, 0.12%; RT 13.66, 0.61%	
Water Content (KF)	N/A	5.0%
Residual Solvents (NMR)	1.1% methanol	
Assay (%)	Not less than 90.0%	93.1%
Recommendation:	Release. The compound contains 0.1% Pyridoxine (RT 3.13, free base of TLC No. P-7131) according to its HPLC.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/23/2026
Approved by:	Quality Assurance		06/23/2026

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