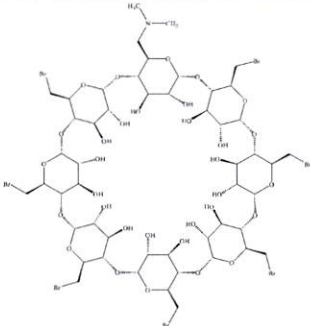


Certificate of Analysis



Certificate No.: **20260623018**

Date: June 23, 2026

Retest date: June 17, 2029

Compound Name:	Sugammadex Impurity 114	
TLC Catalogue Number:	S-082123	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	1764.48	
Molecular Formula:	C ₅₀ H ₇₈ Br ₇ NO ₃₂	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	6116-044A3	
Storage Conditions:	Store at 2-8 °C	
Solubility:	DMSO	

Test Description	Specifications	Results
Visual Description	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%	99.2%
Impurity (HPLC)	RT 2.76, 0.12%; RT 5.58, 0.57%	
Residual Solvents (NMR)	1.7% formic acid and 0.1% dimethyl sulfoxide	
Assay (qNMR)	Not less than 85.0%	90.0%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/24/2026
Approved by:	Quality Assurance		06/24/2026

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