

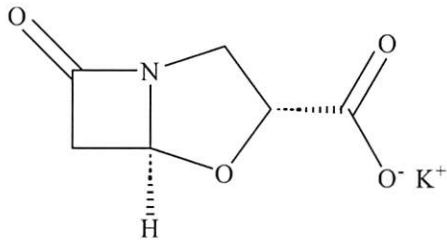
Certificate of Analysis

 Certificate No.: **20251219012**



Date: December 19, 2025

Retest date: December 18, 2026

Compound Name: Clavam-2-Carboxylate Potassium Salt	
Synonyms:	(3R,5S)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-3-carboxylate, potassium salt (1:1)
TLC Catalogue Number:	C-3219
CAS Number:	2196185-67-6
Alternate CAS Number:	212268-81-0 (free acid)
Molecular Weight:	156.12 39.10
Molecular Formula:	C ₆ H ₆ NO ₄ . K
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6784-062A12
Storage Conditions:	Store at -20 °C
Solubility:	Water



Test Description	Specifications	Results
Visual Description	Pale orange 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%	99.8%
Impurity (HPLC)	RT 7.85, 0.19%	
Water Content (KF)	N/A	11.5%
Optical Rotation	N/A	$[\alpha]_D^{25.0}(c=0.54, H_2O): -66.2^\circ$
Residual Solvents (NMR)	3.3% acetonitrile	
Assay (%)	Not less than 80.0%	85.0%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		12/22/2025
Approved by:	Quality Assurance		12/22/2025

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