# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP012024-01)

**Release Date:** 13/12/2024 **Re-test Date:** 12/12/2027

## PAN DIHYDRO PYRIDINE OXO-ACID IMPURITY

## **Identification**

#### **Chemical Name:**

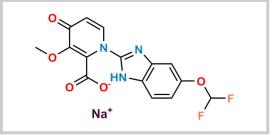
 $Sodium\ 1-(5-(difluoromethoxy)-1H-benzo[d]imidazol-2-yl)-3-methoxy-4-oxo-1, 4-dihydropyridine-2-carboxylate$ 

**CAT No.** : KMP012024

CAS No. : Not Available

Molecular Formula : C15H10F2N3O5 : Na

**Molecular Weight** : 350.3 : 23.0



## **Analytical Information**

Batch No. : P012024-091-062 **Solubility** : Water **Description** : Light Brown Solid : Confirm Mass : 99.23 % **HPLC Purity** IR : Confirm Weight Loss By TGA : 3.36 % 1H NMR : Confirm % Potency : 95.9 % **13C NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency =** [100 - 3.36(Weight Loss By TGA)] x [99.23(HPLC Purity)]/100 = 95.9 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/12/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA