## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN008010-)

**Release Date:** 28/10/2024 **Re-test Date:** 27/10/2027

# **Nateglinide EP Impurity F**

#### **Identification**

**Chemical Name:** 

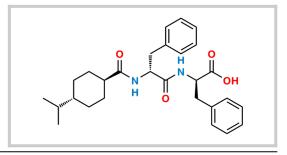
N-[[trans-4-(1-methylethyl)cyclohexyl]carbonyl]-D-phenylalanyl-D-phenylalanine

**CAT No.** : KMN008010

**CAS No.** : 944746-48-9

Molecular Formula : C28H36N2O4

**Molecular Weight** : 464.6



### **Analytical Information**

**HPLC Purity** : 99.90 % **IR** : Confirm

Weight Loss By TGA : 0.75 % 1H NMR : Confirm

**% Potency** : 99.15 %

### **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 - 0.75(Weight Loss By TGA)] x [99.90(HPLC Purity)]/100 = 99.15 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/10/2024

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