# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD004010-01)

**Release Date:** 26/09/2025 **Re-test Date:** 25/09/2028

# **Deferasirox EP Impurity D**

### **Identification**

#### **Chemical Name:**

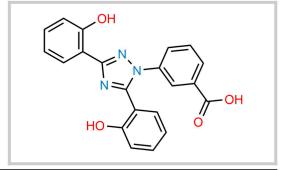
3-[3,5-bis(2-hydroxyphenyl)-1H-1,2,4-triazol-1-yl]benzoic acid (as per EP)

**CAT No.** : KMD004010

**CAS No.** : 2254105-61-6

**Molecular Formula** : C21H15N3O4

**Molecular Weight** : 373.4



## **Analytical Information**

Batch No. : DEF-IMP-D-011-181 **Solubility** : Methanol : Off White Solid : Confirm **Description** Mass **HPLC Purity** : 99.49 : Confirm IR Weight Loss By TGA : 0.17 % 1H NMR : Confirm % Potency : 99.32 % **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 - 0.17(Weight Loss By TGA)] x [99.49(HPLC Purity)]/100 = 99.32 %

-Re-tested on 26.09.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/10/2025

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