

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM002003-03)

Release Date: 09/09/2024

Re-test Date: 08/09/2027

## Mycophenolate Mofetil Related Compound A

### Identification

**Chemical Name :**

(E)-2-morpholinoethyl 6-(4,6-dihydroxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate

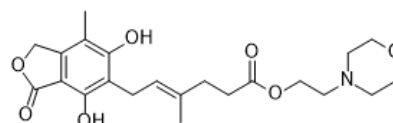
**Alt. Name** : Mycophenolate Mofetil USP Related Compound A ; O-Desmethyl Mycophenolate Mofetil

**CAT No.** : KMM002003

**CAS No.** : 1322681-36-6

**Molecular Formula** : C22H29NO7

**Molecular Weight** : 419.47



### Analytical Information

**Batch No.** : M002003-073-371

**Description** : Yellow Thick Syrup

**HPLC Purity** : 95.22 %

**Weight Loss By TGA** : 0.54 %

**% Potency** : 94.71 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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** =  $[100 - 0.54(\text{Weight Loss By TGA})] \times [95.22(\text{HPLC Purity})]/100 = 94.71 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		19/10/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA