# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMF006044-01)

**Release Date:** 08/07/2025 **Re-test Date:** 07/07/2028

### **Nitroso L-MTHF**

### **Identification**

#### **Chemical Name:**

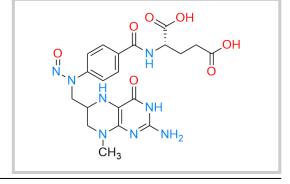
(4-(((2-amino-8-methyl-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl) (nitroso) amino) benzoyl)-L-glutamic acid

**CAT No.** : KMF006044

CAS No. : Not Available

**Molecular Formula** : C20H24N8O7

**Molecular Weight** : 488.45



### **Analytical Information**

Batch No. : F006044-102-099 **Solubility** : DMSO **Description** : Light Brown Solid Mass : Confirm **HPLC Purity** : 93.71 % IR : Confirm Weight Loss By TGA : 3.06 % 1H NMR : Confirm % Potency : 90.84 % **13C NMR** : Confirm D20 Exchange : Confirm

DEPT 135 : Confirm

## **Additional Information**

Long Term Storage : Store at -20 degree in dark (Light Sensitive)

Shipping Condition : Product is stable to be shipped at 2-8 deg. C

**% Potency** = [100 - 3.06(Weight Loss By TGA)] x [93.71(HPLC Purity)]/100 = 90.84 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/07/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, D2O Exchange, DEPT 135, IR and TGA