CERTIFICATE OF ANALYSIS

(Certificate No. KMC012024-01)

Release Date: 09/09/2025 **Re-test Date:** 08/09/2028

AEEA(2-[2-(2-Aminoethoxy)ethoxy]acetic acid)

Identification

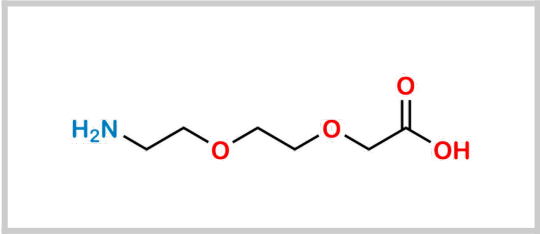
Chemical Name :
2-(2-(2-Aminoethoxy)ethoxy)acetic acid

CAT No. : KMC012024

CAS No. : 134978-97-5

Molecular Formula : C6H13NO4

Molecular Weight : 163.2



Analytical Information

Batch No. : ETZ737

Description : White Solid

GC Purity : 95.03 %

Weight Loss By TGA : 7.70 %

% Potency : 87.71 %

Solubility : *Refer in Additional information

Mass : Confirm

IR : Confirm

1H NMR : Confirm

13C NMR : Confirm

Additional Information

Long Term Storage : Keep in dark place, inert atmosphere, store in freezer, under -20 deg. C

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

% Potency = [100 - 7.70(Weight Loss By TGA)] x [95.03(GC Purity)]/100 = 87.71 %
*Solubility: Insoluble in DMF, Acetonitrile and Freely Soluble in 5 mg/1 ml Water, Methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		10/09/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		10/09/2025

Attachments : COA, GC, MASS, 1HNMR, 13C NMR, IR and TGA