CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001008-03)

Release Date: 26/10/2026 **Re-test Date:** 25/10/2029

QTRC-2 (HEEP) IMPURITY STANDARD

Identification

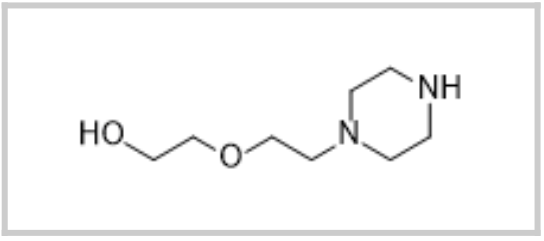
Chemical Name :
2-(2-(piperazin-1-yl)ethoxy)ethanol

CAT No. : KMQ001008

CAS No. : 13349-82-1

Molecular Formula : C8H18N2O2

Molecular Weight : 174.24



Analytical Information

Batch No.	: Q001008-136-313	**Solubility**	: Methanol
Description	: Colorless Thick Syrup	**Mass**	: Confirm
GC Purity	: 99.61 %	**IR**	: Confirm
Weight Loss By TGA	: 2.45 %	**1H NMR**	: Confirm
% Potency	: 97.17 %		

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 - 2.45(Weight Loss By TGA)] x [99.61(GC Purity)]/100 = 97.17 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		26/10/2026

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