CERTIFICATE OF ANALYSIS

(Certificate No. KMZ003008-01)

Release Date: 21/10/2026 **Re-test Date:** 20/10/2029

ZOLPIDEM EP IMPURITY D

Identification

Chemical Name :
(3RS)-3-Bromo-N,N-dimethyl-4-(4-methylphenyl)-4-oxobutanamide (as per EP) ; 3-Bromo-N,N-dimethyl-4-oxo-4-(p-tolyl)butanamide (as per USP)

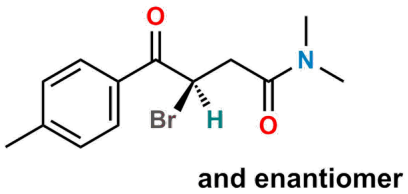
Alt. Name : Tolyloyl Bromopropionamide (USP)

CAT No. : KMZ003008

CAS No. : 836627-56-6

Molecular Formula : C13H16BrNO2

Molecular Weight : 298.2



and enantiomer

Analytical Information

Batch No.	: ZOL-EP-IMP-D-019-359	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.14 %	**IR**	: Confirm
Weight Loss By TGA	: 0.39 %	**1H NMR**	: Confirm
% Potency	: 97.76 %		

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 - 0.39(Weight Loss By TGA)] x [98.14(HPLC Purity)]/100 = 97.76 %
-Re-tested on 21.10.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/10/2026

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