CERTIFICATE OF ANALYSIS

(Certificate No. KMP067014-01)

Release Date: 12/03/2025 **Re-test Date:** 11/03/2028

Pentoxifylline EP Impurity I

Identification

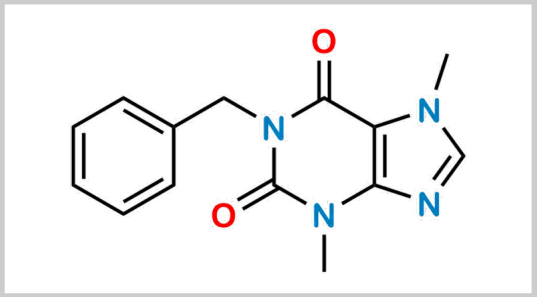
Chemical Name :
1-benzyl-3,7-dimethyl-3,7-dihydro-1H-purine-2,6-dione

CAT No. : KMP067014

CAS No. : 55247-90-0

Molecular Formula : C14H14N4O2

Molecular Weight : 270.3



Analytical Information

Batch No.	: P067014-091-260	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.96 %	**IR**	: Confirm
Weight Loss By TGA	: 1.02 %	**1H NMR**	: Confirm
% Potency	: 98.94 %		

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 - 1.02(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 98.94 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/03/2025

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