CERTIFICATE OF ANALYSIS

(Certificate No. KMP207003-01)

Release Date: 25/10/2024 **Re-test Date:** 24/10/2027

Pyrazinamide EP Impurity B

Identification

Chemical Name :
pyrazine-2-carbonitrile

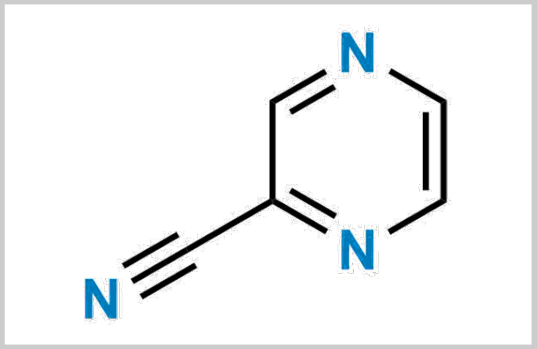
Alt. Name : Pyrazinamide USP Related Compound B

CAT No. : KMP207003

CAS No. : 19847-12-2

Molecular Formula : C5H3N3

Molecular Weight : 105.1



Analytical Information

Batch No.	: P207003-091-004	**Solubility**	: Acetonitrile
Description	: Colorless Liquid	**Mass**	: Confirm
HPLC Purity	: 99.99 %	**IR**	: Confirm
Weight Loss By TGA	: 6.99 %	**1H NMR**	: Confirm
% Potency	: 93 %		

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 - 6.99(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 93 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/10/2024

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