

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

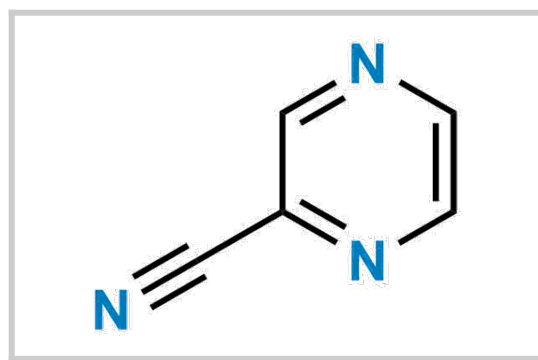
Alt. Name : Pyrazinamide USP Related
Compound B

CAT No. : KMP207003

CAS No. : 19847-12-2

Molecular Formula : C₅H₃N₃

Molecular Weight : 105.1



Analytical Information

Batch No. : P207003-091-004

Description : Colorless Liquid

HPLC Purity : 99.99 %

Weight Loss By TGA : 6.99 %

% Potency : 93 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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