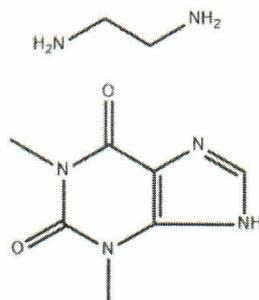


Batch no 250612-26  
Mf date Jun 14 2025  
Expiry date Jun 13 2028

Molecular Structure



Molecular Formula  $C_9H_{16}N_6O_2$   
Molecular Weight 240.27  
CAS Registry Number 317-34-0

Oct 13 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to yellowish particles or powder	Conforms
Identification	IR	Positive
Melting point	248 ~ 252°C	250°C
Solution	Clear and colorless	Conforms
Related substances	≤ 0.10%	0.04%
Water	Anhydrous substance ≤ 0.75%	0.45%
Sulfated ash	≤ 0.1%	0.06%
Assay of Ethylene Diamine	13.6 ~ 14.9%	14.5%
Assay of Thephylline	84.0 ~ 87.4%	85.5%

Packaging & storage	Preserve in tight containers and store in a dry place
Conclusion	Material complies with BP2020