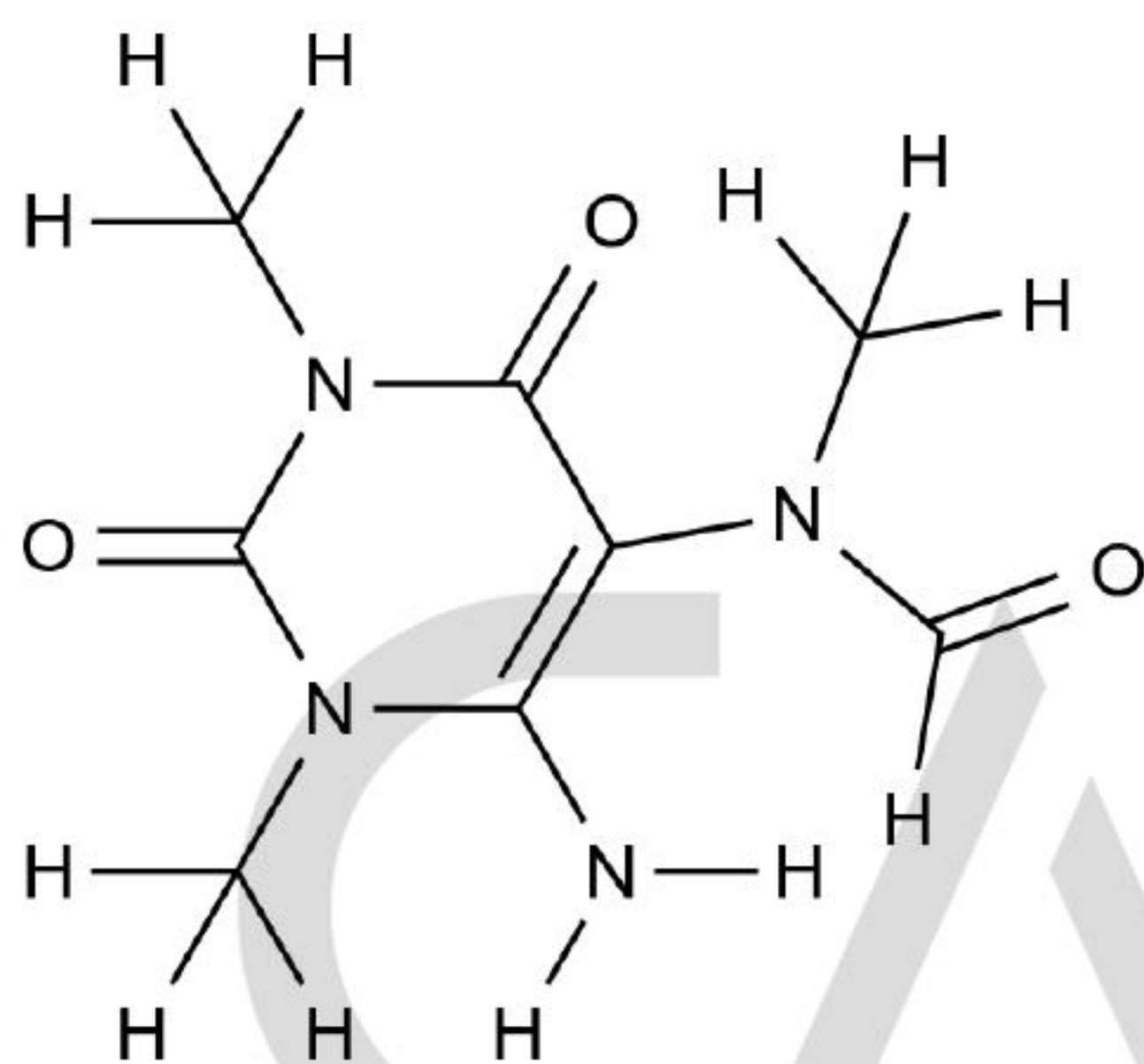


Certificate of Analysis

Reference Material & Standard

Product Name:	Caffeine Impurity 8	Catalogue Number:	C1796442
Synonyms:	N/A	Lot Number:	0523-RF-0003
CAS Number:	33130-55-1	Expiry Date:	Feb 22, 2027
Molecular Formula:	C ₈ H ₁₂ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	212.21	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	94.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 24, 2024

Date: May 24, 2024

Date: May 24, 2024

