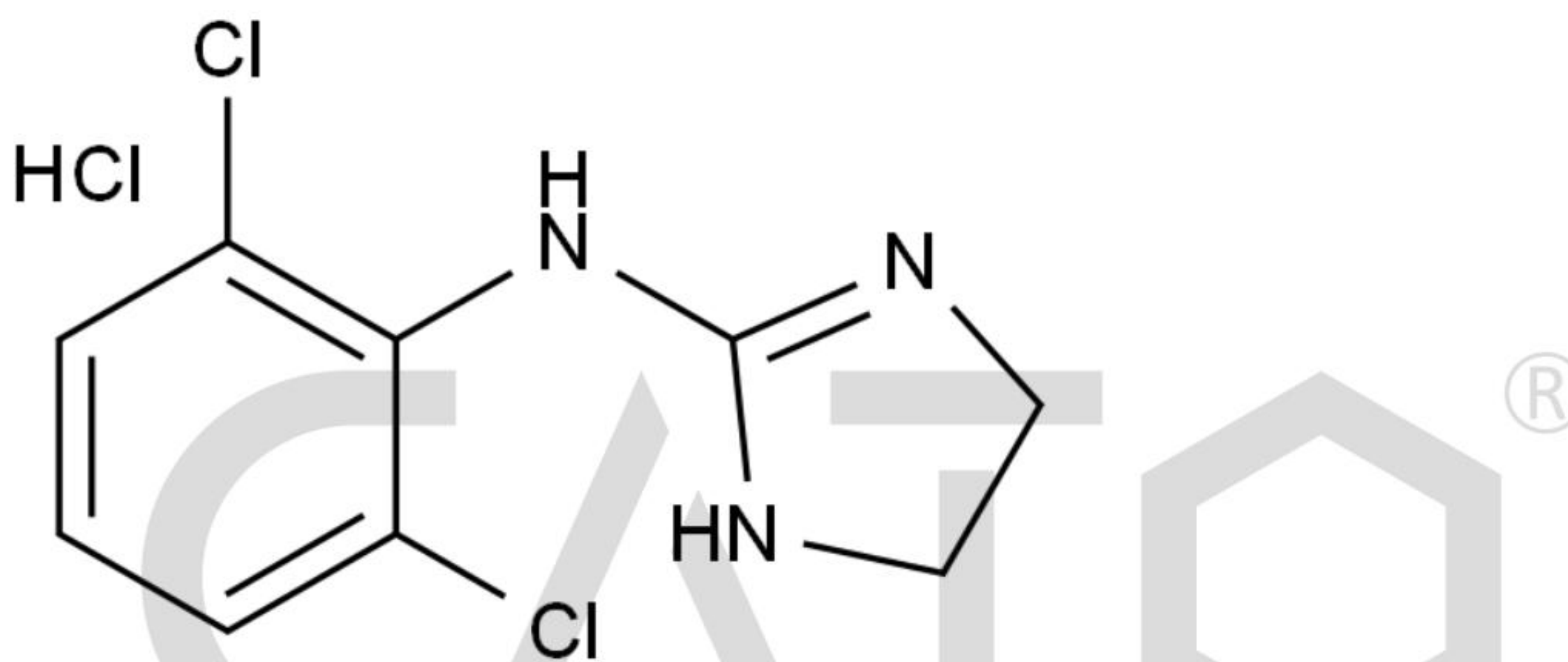


Certificate of Analysis

Reference Material & Standard

Product Name:	Clonidine Hydrochloride	Catalogue Number:	CCAD300731
Synonyms:	N/A	Lot Number:	0914-RF-0110
CAS Number:	4205-91-8	Expiry Date:	Sep 13, 2028
Molecular Formula:	C ₉ H ₉ Cl ₂ N ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	230.09 36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	97.9%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 14, 2024

Date: Sep 14, 2024

Date: Sep 14, 2024

