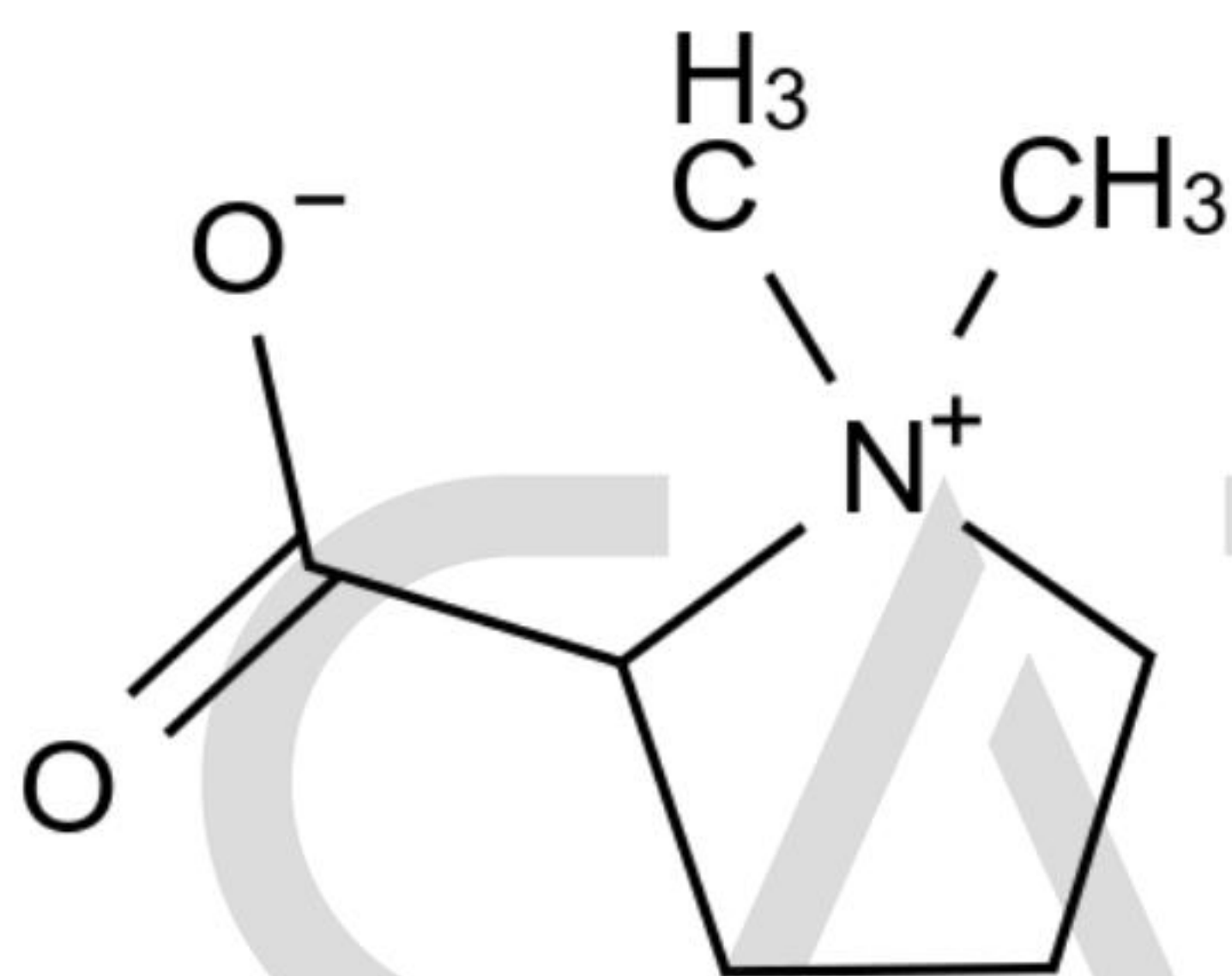


Certificate of Analysis

Reference Material & Standard

Product Name:	Stachydrine	Catalogue Number:	CCFD201991
Synonyms:	N/A	Lot Number:	0415-RF-0033
CAS Number:	471-87-4	Expiry Date:	Apr 21, 2027
Molecular Formula:	C7H13NO2	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	143.18	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	87.7%
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:

Nice

Reviewed by:

Lisa

Aporoved by General Manager:

David

Date: Apr 22, 2024

Date: Apr 22, 2024

Date: Apr 22, 2024

