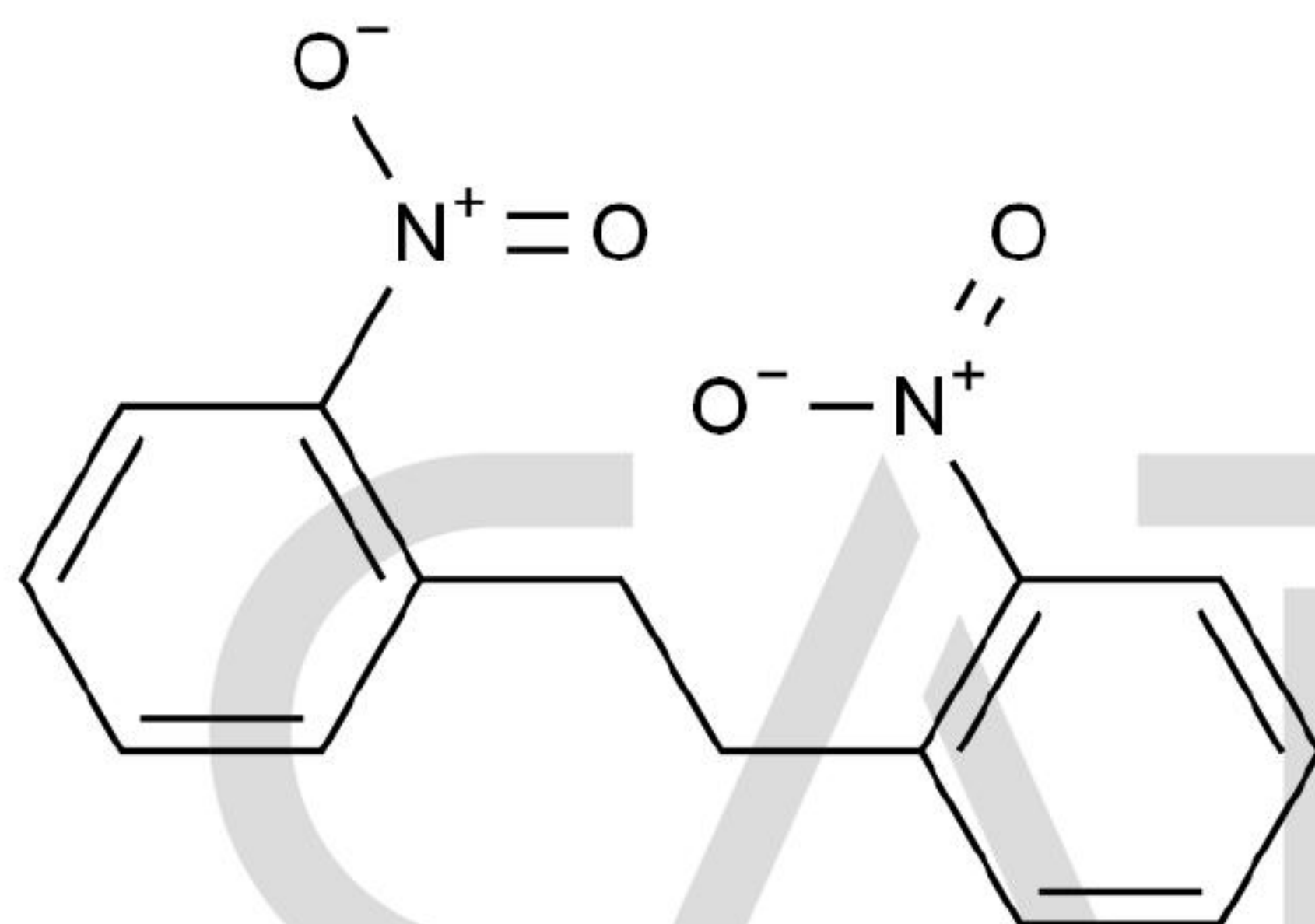


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine Impurity N9	Catalogue Number:	CP120768
Synonyms:	N/A	Lot Number:	0914-RF-0042
CAS Number:	16968-19-7	Expiry Date:	Sep 19, 2027
Molecular Formula:	C ₁₄ H ₁₂ N ₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	272.26	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.342%
Loss On Drying	TGA	0.1010%
Assay		99.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 20, 2024

Date: Sep 20, 2024

Date: Sep 20, 2024

