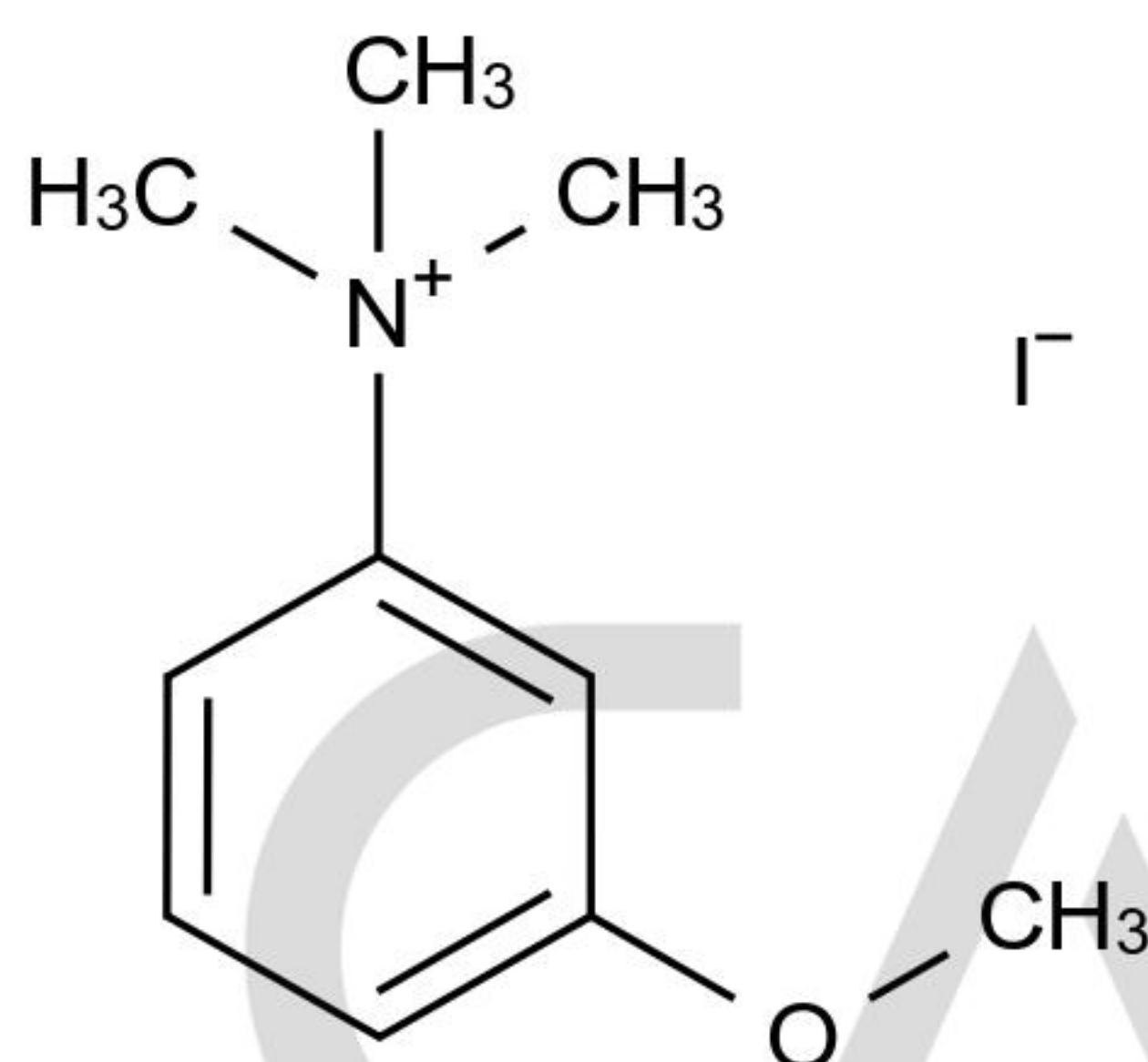


Certificate of Analysis

Reference Material & Standard

Product Name:	Neostigmine impurity 31	Catalogue Number:	C4X-204231
Synonyms:	N/A	Lot Number:	0527-RF-0085
CAS Number:	22237-93-0(free base)	Expiry Date:	Jun 05, 2027
Molecular Formula:	C ₁₀ H ₁₆ NO I	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	166.24 126.90		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	GC	99.524%
Residue on Ignition	TGA	0.1912%
Loss On Drying	TGA	0.0275%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity GC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 05, 2024

Date: Jul 05, 2024

Date: Jul 05, 2024

