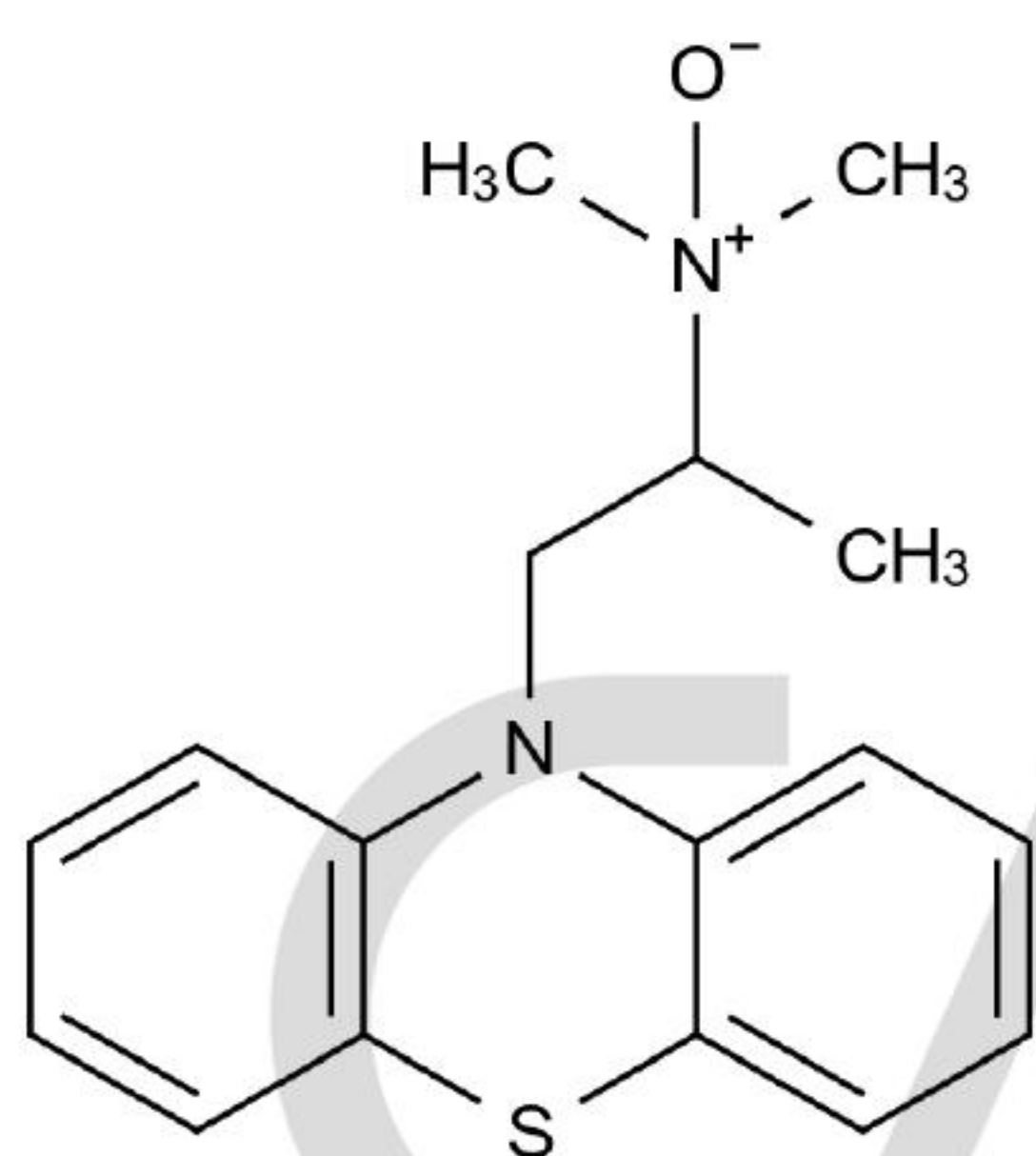


Certificate of Analysis

Reference Material & Standard

Product Name:	Promethazine Impurity 9 HCl	Catalogue Number:	C4X-14189
Synonyms:	N/A	Lot Number:	0415-RF-0126
CAS Number:	81480-39-9(free base)	Expiry Date:	Apr 14, 2027
Molecular Formula:	C ₁₇ H ₂₀ N ₂ O ₂ S HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	300.42 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Blue Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.8421%
Loss On Drying	TGA	1.397%
Assay		97.5%

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:

Koi

Reviewed by:

Lisa

Aporoved by General Manager:

David

Date: Apr 15, 2024

Date: Apr 15, 2024

Date: Apr 15, 2024

