

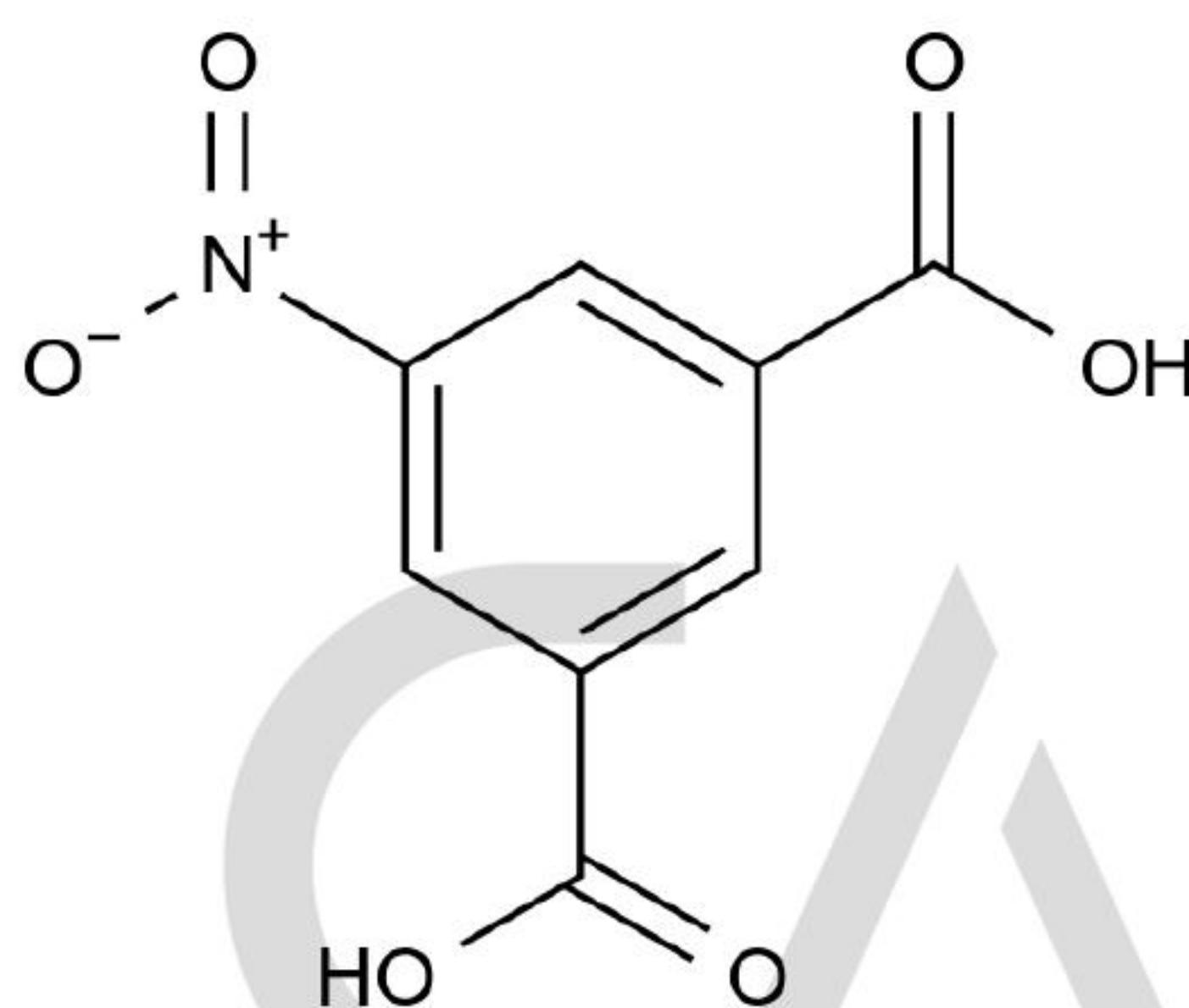
Certificate of Analysis

Reference Material & Standard

Product Name:	Glycopyrronium Bromide EP Impurity O	Catalogue Number:	C4X-18173
Synonyms:	5-Nitroisophthalic Acid	Lot Number:	0720-RB-0024
CAS Number:	618-88-2	Expiry Date:	Jul 21, 2029
Molecular Formula:	C ₈ H ₅ NO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	211.13	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.4648%
Water Content	Karl Fischer	1.2932%
Assay		98.2%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

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Date: Jul 22, 2025

Date: Jul 23, 2025

Date: Jul 23, 2025

