

Certificate of Analysis

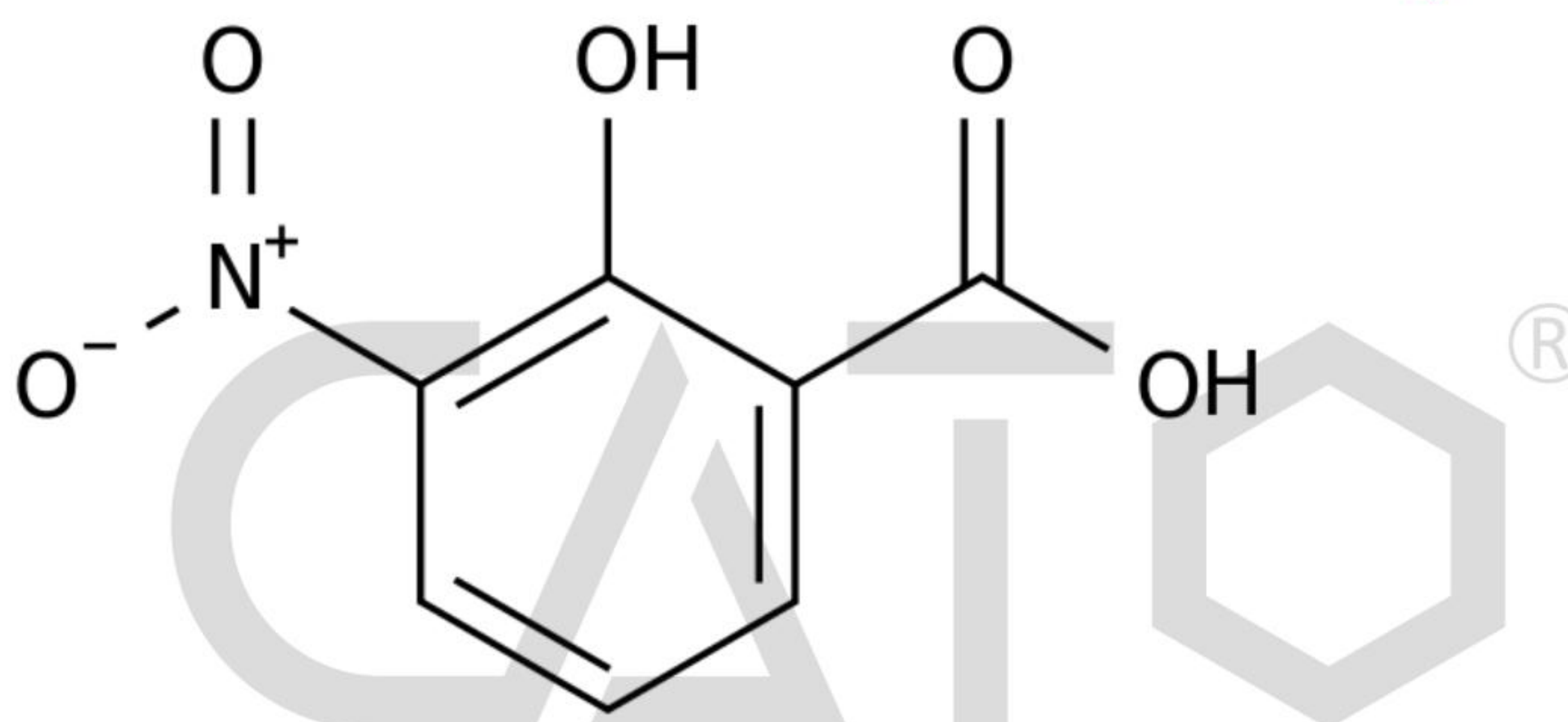
Reference Material & Standard

Product Name:	Mesalazine EP Impurity R	Catalogue Number:	C4X-132435
Synonyms:	3-Nitrosalicylic Acid	Lot Number:	1023-RE-0001
CAS Number:	85-38-1	Expiry Date:	Jan 11, 2030
Molecular Formula:	C ₇ H ₅ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	183.12	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.627%
Loss On Drying	TGA	7.6676%
Assay		90.1%

Comment:

The calculation of the mass balance 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:

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Date: Jan 12, 2026

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