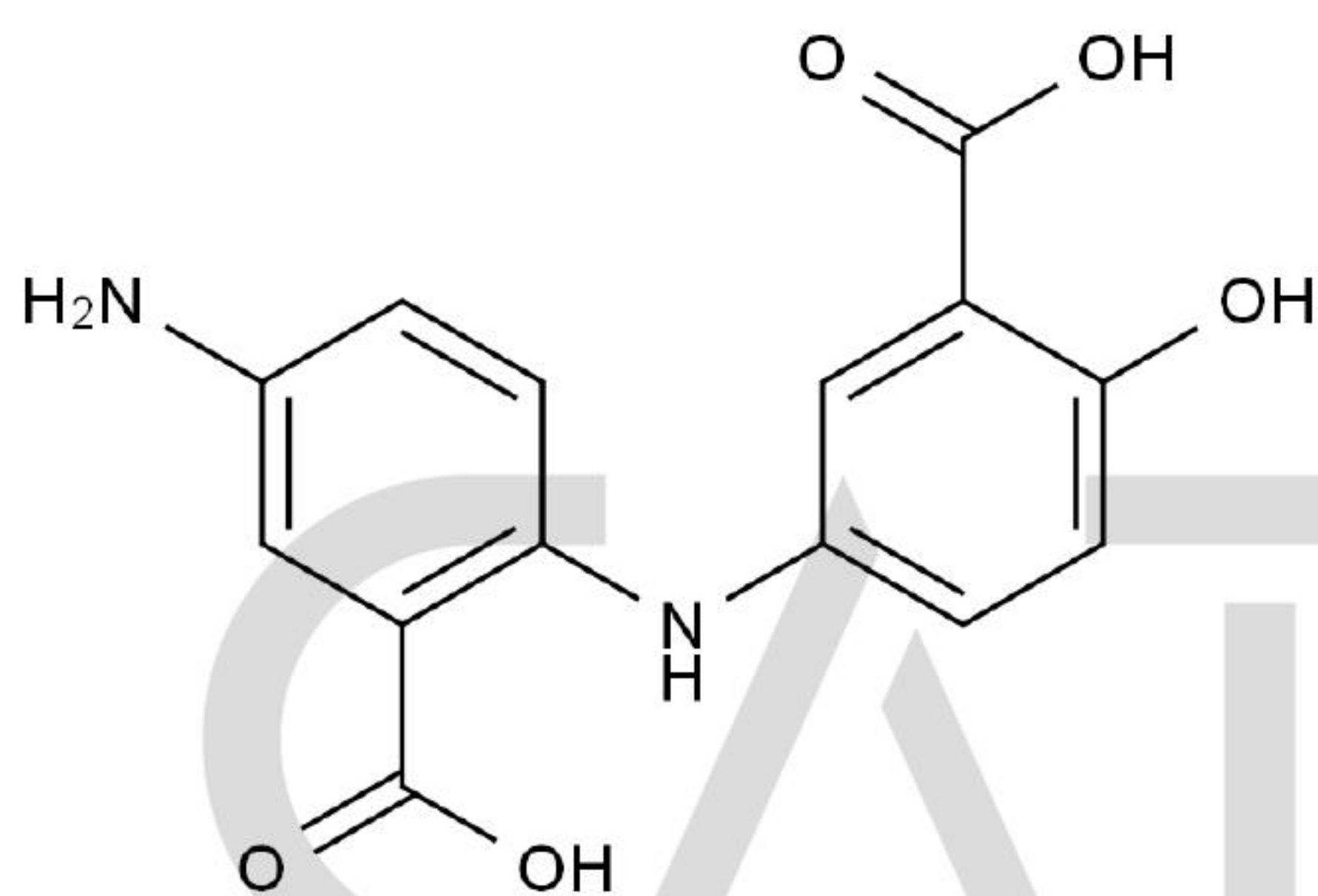


Certificate of Analysis

Reference Material & Standard

Product Name:	Mesalazine EP Impurity S	Catalogue Number:	C4X-132419
Synonyms:	N/A	Lot Number:	0317-RG-0052
CAS Number:	1797983-23-3	Expiry Date:	Mar 16, 2028
Molecular Formula:	C ₁₄ H ₁₂ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	288.26	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	96.988%
Residue on Ignition	TGA	3.2815%
Loss on Drying	TGA	3.4796%
Assay		90.4%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 14, 2026

Date: Aug 14, 2026

Date: Aug 14, 2026



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