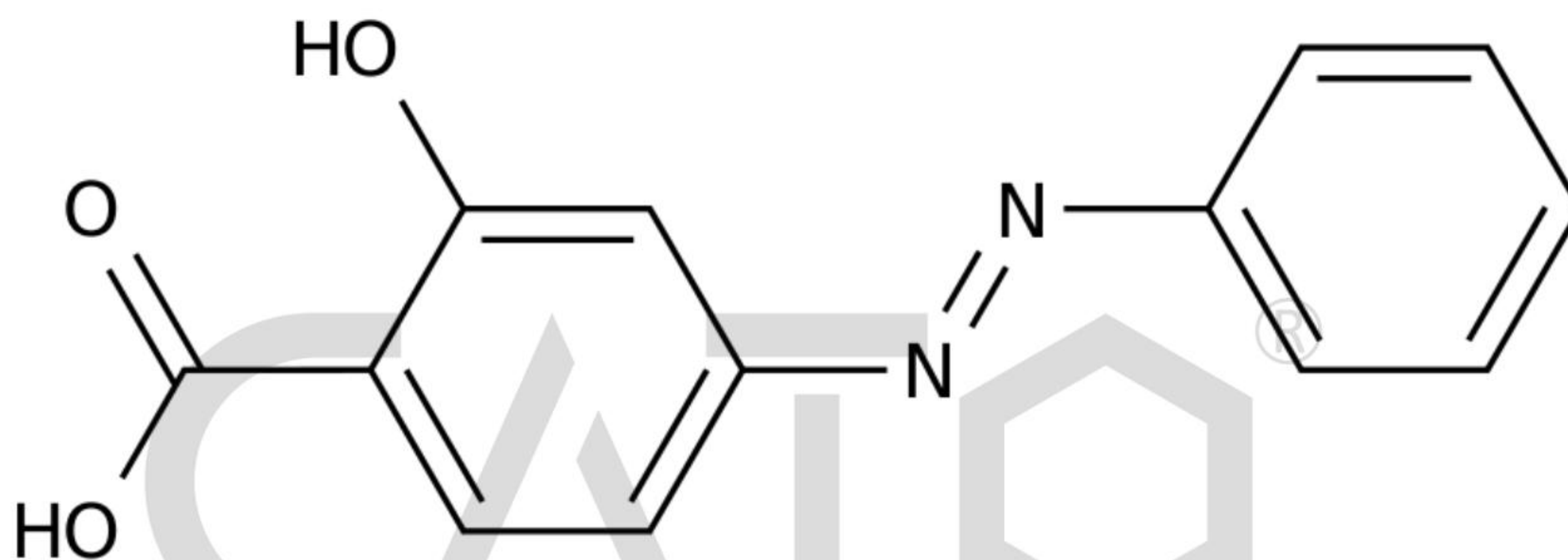


Certificate of Analysis

Reference Material & Standard

Product Name:	Mesalazine Impurity 28	Catalogue Number:	C4X-132428
Synonyms:	N/A	Lot Number:	1014-RG-0048
CAS Number:	40038-46-8	Expiry Date:	Oct 09, 2029
Molecular Formula:	C ₁₃ H ₁₀ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	242.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.985 %
Water Content	Karl Fischer	0.37%
Residual Solvents	NMR	0.31% acetonitrile
Assay		99.3%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Oct 15, 2025

Date: Oct 15, 2025

Date: Oct 15, 2025



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