

Certificate of Analysis

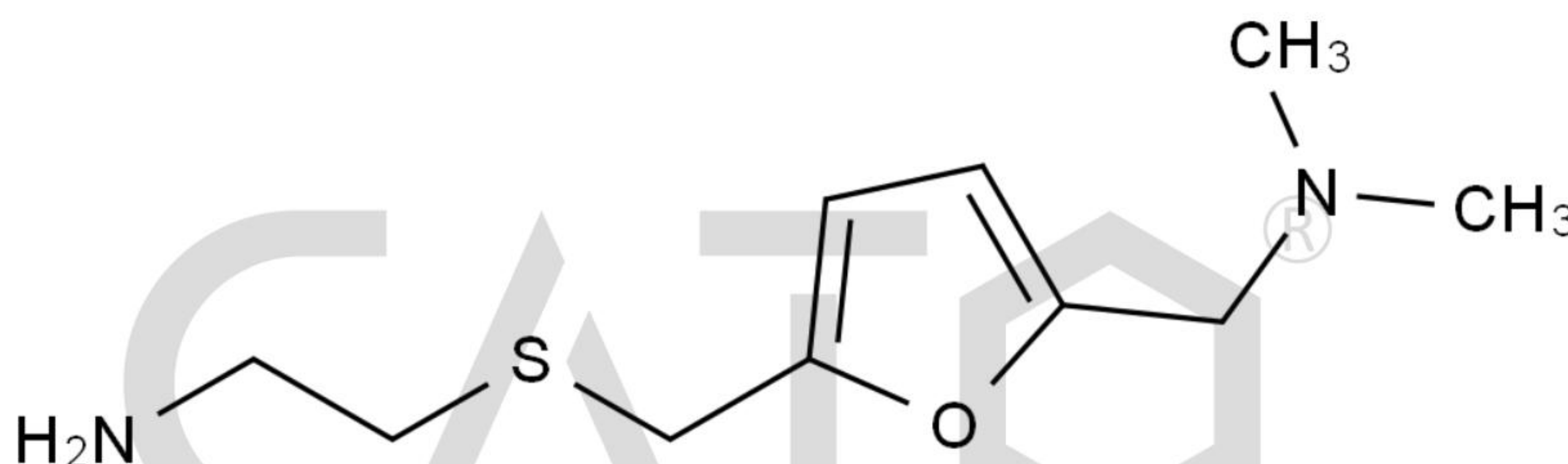
Reference Material & Standard

Product Name:	Ranitidine EP Impurity B	Catalogue Number:	C4X-13702
Synonyms:	N/A	Lot Number:	0809-RH-0065
CAS Number:	66356-53-4	Expiry Date:	Aug 06, 2030
Molecular Formula:	C ₁₀ H ₁₈ N ₂ OS	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	214.33	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.4489%
Loss on Drying	TGA	1.924%
Assay		94.6%

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:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Aug 10, 2026

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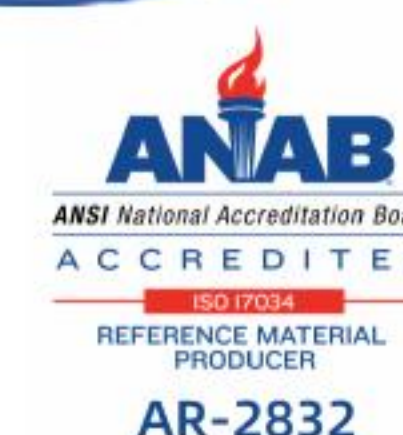
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