

Certificate of Analysis

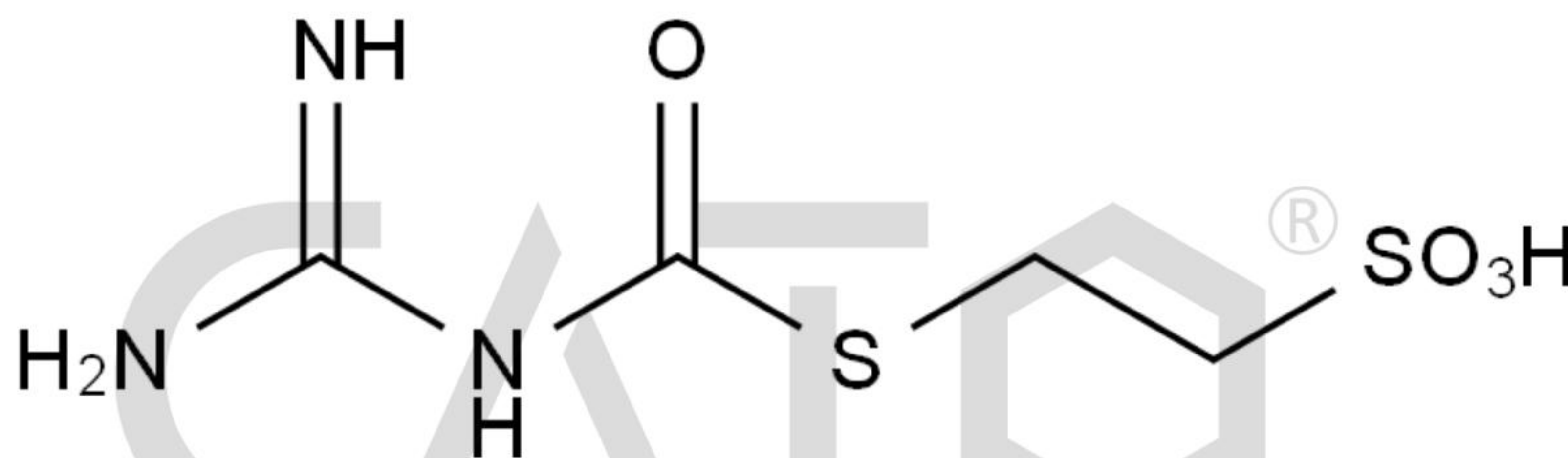
Reference Material & Standard

Product Name:	Mesna Impurity 3	Catalogue Number:	C4X-16923
Synonyms:	N/A	Lot Number:	0519-RH-0056
CAS Number:	1823982-49-5	Expiry Date:	May 17, 2030
Molecular Formula:	C ₄ H ₉ N ₃ O ₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	227.26	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.86%
Loss on Drying	TGA	0.22%
Assay		99.6%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 20, 2026

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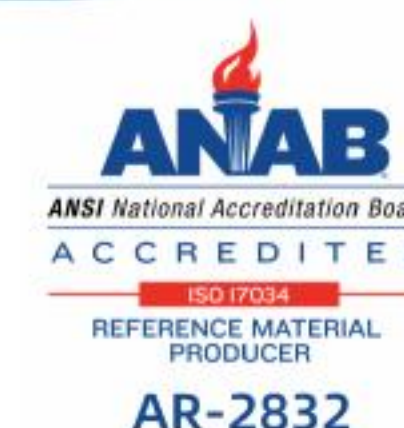
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