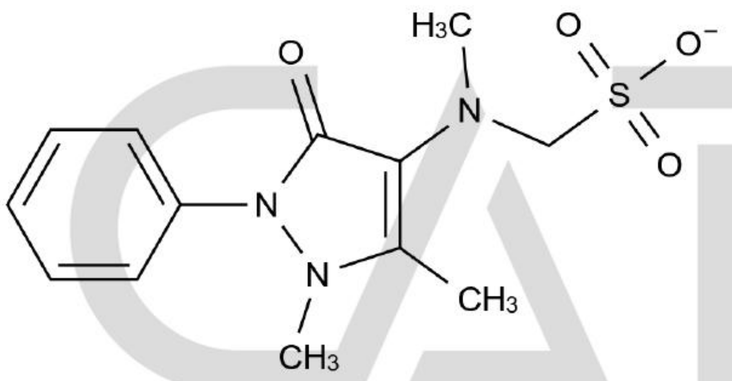
Certificate of Analysis

Reference Material & Standard

Product Name:	Metamizole Sodium Monohydrate	**Catalogue Number:**	CP141420
Synonyms:	N/A	**Lot Number:**	0220-RG-0052
CAS Number:	5907-38-0	**Expiry Date:**	Dec 15, 2029
Molecular Formula:	$C_{13}H_{16}N_3O_4S\ Na\ H_2O$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	310.35 22.99 18.02	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.609%
Loss On Drying	TGA	5.0822%
Loss On Drying(Free Water)		ND
Assay		96.6%

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Comment:

1. The content of crystal water is 5.1286%.

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

*Assay (%) = (100%-Loss On Drying(Free Water)) * Purity HPLC (%) /100%*

Loss On Drying(Free Water) is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Dec 16, 2025

Reviewed by: Koi Date: Dec 16, 2025

Approved by General Manager: David Date: Dec 16, 2025

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