

Certificate of Analysis

Reference Material & Standard

Product Name:	Ambroxol Impurity 18	Catalogue Number:	C4X-108518
Synonyms:	N/A	Lot Number:	1102-RG-0003
CAS Number:	40525-78-8	Expiry Date:	Nov 05, 2029
Molecular Formula:	C ₆ H ₁₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	115.17	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	ELSD	100.000%
Water Content	Karl Fischer	1.8515%
Assay		98.1%

Comment:

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

Assay (%) = (100% - Water Content) * Purity ELSD (%) / 100%

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 06, 2025

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Page 1 of 7



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