CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

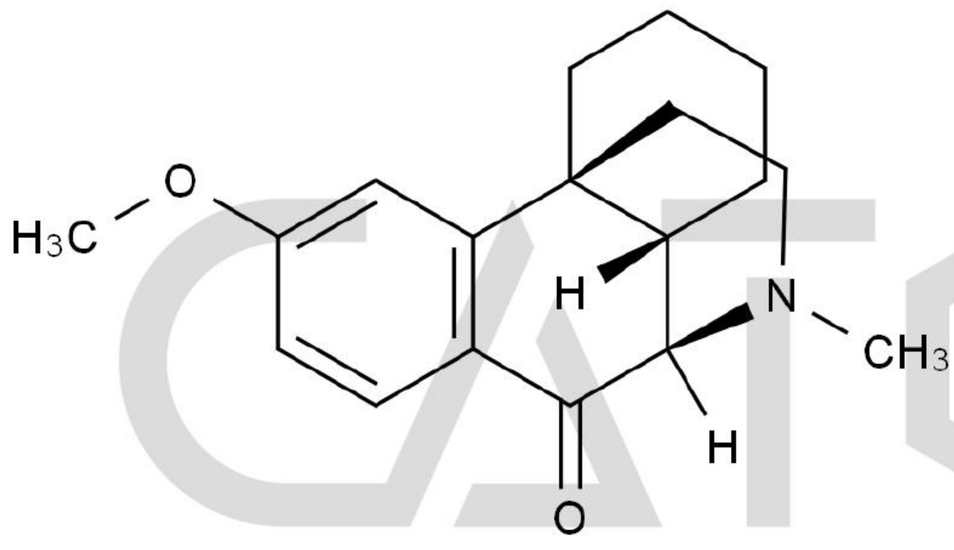
No.: 202602240056

Certificate of Analysis

Reference Material & Standard

Product Name:	Dextromethorphan EP Impurity C	**Catalogue Number:**	C4X-11573
Synonyms:	N/A	**Lot Number:**	0617-RG-0076
CAS Number:	57969-05-8	**Expiry Date:**	May 16, 2028
Molecular Formula:	$C_{18}H_{23}NO_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	285.38	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.8230%
Loss On Drying	TGA	0.015%
Assay		99.8%

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: Koji Date: Feb 24, 2026

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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