



CERTIFICATE OF ANALYSIS

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1. Identification

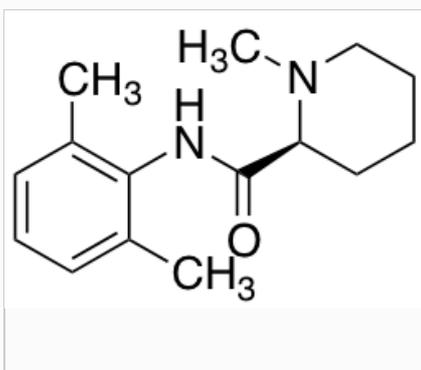
Catalogue Number: M630720

CAS Number: 24358-84-7

Product: (S)-Mepavacaine

Synonym: (2S)-N-(2,6-Dimethylphenyl)-1-methyl-2-piperidinecarboxamide; (+)-1-Methyl-2',6'-pipercoloxylidide; (+)-Mepivacaine; Dexivacaine

Structure:



Molecular Formula:

C₁₅H₂₂N₂O

Molecular weight:

246.35

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2022-ASA-017

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.91, %H: 9.11, %N: 11.24
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-52.5° (c = 0.5, Methanol)
HPLC Purity	Report Result	99.36% (205 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjit Kaur	Toni Rantanen	Chanell Chu	10/31/2022	10/29/2026