



CERTIFICATE OF ANALYSIS

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1. Identification

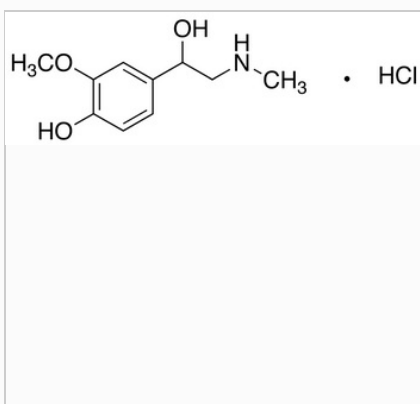
Catalogue Number: M258760

CAS Number: 881-95-8

Product: rac Metanephrine Hydrochloride Salt

Synonym: 4-Hydroxy-3-methoxy- α -[(methylamino)methyl]benzenemethanol Hydrochloride; α -[(Methylamino)methyl]-vanillyl Alcohol Hydrochloride; (\pm)-Metanephrine Hydrochloride; 3-Methoxyadrenaline Hydrochloride; 3-O-Methylepinephrine Hydrochloride; Metadrenaline Hydrochloride;

Structure:



Molecular Formula:

$C_{10}H_{16}ClNO_3$

Molecular weight:

233.69

Source of Product:

Synthetic

Solubility:

Aqueous Acid (Slightly),
DMSO (Slightly), Methanol
(Slightly)

Lot Number: 6-SKR-45-2

Purity: 96%

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	White to Grey Solid	Pale Beige to Pale Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 51.03, %H: 7.17, %N: 5.99
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.65% (200 nm)
Chloride Content	Report Result	15.31% by Ion Chromatography
Specific Rotation	Report Result	+0.3° (c = 0.3, Methanol)

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 $\pm 2\%$. 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
Swathi Reddy	Toni Rantanen	Chanell Chu	1/27/2022	1/25/2026
				