

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB2791	 <chem>NCC(O)c1ccc(O)cc1</chem>
<b>Compound name</b>	Octopamine hydrochloride	
<b>Chemical name</b>	4-(2-amino-1-hydroxyethyl)phenol;hydrochloride	
<b>Batch number</b>	E2263-1-1	
<b>Batch molecular formula</b>	$C_9H_{11}NO_2 \cdot HCl$	
<b>Batch molecular weight</b>	189.64	
Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 99.8%
<b>NMR</b>	$^1H$ NMR in DMSO at 400 MHz consistent with structure	Meets specification
<b>Mass spectrum</b>	Electrospray positive analysis consistent with structure	Meets specification
<b>Microanalysis</b>	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
<b>Physical appearance</b>	White to off-white solid	Meets specification: Off-white solid
<b>Solubility</b>	Soluble in water (100 mM) and in DMSO (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

27/06/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.