



## CERTIFICATE OF ANALYSIS



Date: 13-02-2026

<b>Product Name</b>	<b>Paroxetine Hemihydrate EP Impurity B</b>		
<b>Chemical Name</b>	(3S,4R)-3-[(1,3-benzodioxol-5-yl)oxy]methyl]-4-(4-methoxyphenyl)piperidine hydrochloride ; (3S,4R)-3-[(Benzodioxol-5-yloxy)methyl]-4-(4-methoxyphenyl)piperidine hydrochloride (as per USP)		
<b>Structure</b>	<p>The chemical structure shows a piperidine ring substituted with a 4-methoxyphenyl group at the 4-position and a (1,3-benzodioxol-5-yl)oxy group at the 3-position. The (1,3-benzodioxol-5-yl)oxy group is further substituted with a methyl group at the 5-position. The structure is shown in its hemihydrate form, with a water molecule (H-O-H) attached to the 4-position of the piperidine ring.</p>		
<b>Batch No.</b>	-	<b>CAS No.</b>	127017-74-7
<b>Analysis Date</b>	-	<b>Retest Date</b>	2
<b>Mol. Formula</b>	C <sub>20</sub> H <sub>23</sub> NO <sub>4</sub> : HCl	<b>Molecular Wt.</b>	341.4 : 36.5
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

<b>Test</b>	<b>Result</b>
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
<b>Note:</b> This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.	

	<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>
<b>Signature</b>			
<b>Date</b>			

### CLEANCHEM LABORATORIES LLP

Plot No. A-737/2, TTC Industrial Area, MIDC Khairane, Navi Mumbai, Maharashtra, INDIA- 400710

sales@cleanchemlab.com +91-9324132198 www.cleanchemlab.com