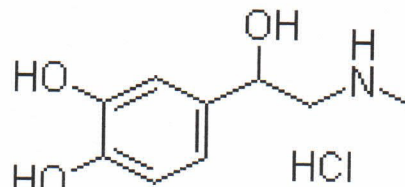


Batch no 20240601  
Mf date Jun 01 2024  
Retest May 31 2026

Molecular Structure



Molecular Formula  $C_9H_{13}NO_3 \cdot HCl$   
Molecular Weight 219.66  
CAS Registry Number 329-63-5

Sep 02 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Fine white odorless powder	White powder
Identification	UV, chloride tests	Positive
Specific rotation	$-1 \sim +1^\circ$	$0^\circ$
Loss on drying	$\leq 0.5\%$	0.31%
Residue on ignition	$\leq 0.5\%$	0.06%
Limit of Adrenalone	Absorbance $A \leq 0.2$	0.05
Limit of Norepinephrine	$\leq 4.0\%$	$< 4.0\%$
Residual solvents	Isopropanol $\leq 5000$ ppm	903 ppm
	Acetone $\leq 5000$ ppm	466 ppm
	Ethanol $\leq 5000$ ppm	501 ppm
Assay (oab)	97.0 ~ 102.0% of $C_9H_{13}NO_3 \cdot HCl$	99.6%

Packaging and storage	Preserve in tight, light-resistant containers
Conclusion	Material complies with USP43