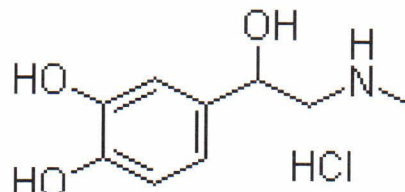


Batch no 20231101  
Mf date Nov 02 2023  
Retest Nov 01 2025

Molecular Structure



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

Jan 12 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 ~ +1°	0°
Loss on drying	≤ 0.5%	0.36%
Residue on ignition	≤ 0.5%	0.06%
Limit of Adrenalone	Absorbance A ≤ 0.2	0.05
Limit of Norepinephrine	≤ 4.0%	< 4.0%
Residual solvents	Isopropanol ≤ 5000 ppm	908 ppm
	Acetone ≤ 5000 ppm	470 ppm
	Ethanol ≤ 5000 ppm	512 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 USP40

