



Compounding  
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# Certificate of Analysis

## Benazepril Hcl

CAS No	86541-74-4	Code	BIOJBEN001
Lot No	5141-25-058	Manufacture Date	Apr.19, 2025
Retest Date	Apr.18, 2029	Quantity	300G

Testing Items	Specifications	Results
Appearance	White or almost white crystalline powder	Almost white crystalline powder
Identification	Specific rotation(Calculated on dried basis): -136°~ -141°	-140°
	The IR spectrum of the substance corresponds to that of the reference standard	Complies
	Enantiomeric purity(see tests)	Complies
	It responds to the test of chloride	Complies
Loss on drying	≤0.5%	0.2%
Sulphated ash	≤0.1%	<0.1%
Impurity A	≤0.1%	Not detected
Related substances(HPLC)	Impurity B: ≤0.5%	<LOD
	Impurity C: ≤0.3%	<LOD
	Impurity D: ≤0.2%	<LOD
	Impurity E: ≤0.2%	<LOD
	Impurity F: ≤0.2%	<LOD
	Impurity G: ≤0.2%	0.13%
	Any unspecified impurity: ≤0.10%	<LOD
	Total impurities: ≤2.0%	0.13%
Residual solvent(GC)	Ethyl acetate: ≤3000ppm	349ppm
	Ethanol: ≤3000ppm	85ppm
Assay(HPLC)	97.5%~102.0%(Calculated on dried basis)	99.1%
Conclusion	This product conforms to R1-CEP 2010-276-Rev 00 standard	

**\*Storage condition: Store below 25°C, Protect from moisture and light.**