

Hangzhou Huarong Pharm Co., Limited

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CERTIFICATE OF ANALYSIS

Product	CAPTOPRIL	Package	Plastic bag
Batch NO.	EC230902	Date Received	Sep. 04, 2023
Strength	API	Manufacturing Date	Sep. 03, 2023
Quantity	401.2Kg	Retest Date	Sep. 03, 2026
Accordinging with	USP	Report Date	Oct. 13, 2023

Tests	Specifications	Results
Description	White or off-white crystalline powder	Complies
Identification	IR: similar to Reference Standard	Complies
Specific Rotation	-125° to -134°	-129°
Loss on Drying	≤0.5%	0.03%
Residue on Ignition	≤0.2%	0.04%
Related Compounds	Captopril Disulfide ≤ 1.0%	0.12%
	Single Impurity ≤ 0.2%	0.08%
	Sum of Impurities excluding Captopril Disulfide ≤ 0.5%	0.08%
Assay	97.5% to 102.0% (Calculated on the dried basis)	99.3%

Conclude: The results above meet all requirements in USP Captopril Monograph, official date 1 Dec 2021.

