

Certificate of Analysis

Captopril			
Batch No.:	10120210505	Manu. Date:	May.01,2021
Quantity:	25kg	Analysis Date:	Aug.19,2021
Storage:	Preserve in tight container	Exp. Date:	Apr.2024
Items	Specifications	Results	
Appearance	White to off-white, crystalline powder, which may have a characteristic, sulfide –like odor.	Meets the requirements	
Identification	Infrared Absorption	Meets the requirements	
Melting range	Between 104 and 110°C	106~107°C	
Specific rotation	Between –125 and –134°	–129°	
Loss on Drying	Not more than 1.0%	0.05%	
Assay	97.5%-102.0% on the dried basis	99.0%	
IMPURITIES			
Sulphated ash	Not more than 0.2%	0.06%	
Related substances			
Captopril disulfide	Not more than 1.0%	0.21%	
Single unknown impurities	Not more than 0.2%	N/d	
Total unknown impurities	Not more than 0.5%	N/d	
Conclusion: comply with USP43			

Director:

Analyst:

Manufacturer name: Zhongfu Pharmaceutical Co.,Ltd.

Manufacturer site: No.2709 Yuwang North Street, Hanting District, Weifang, Shandong, China