



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