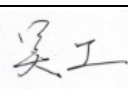


检验报告单 CERTIFICATE OF ANALYSIS

填表时间: 2022 年 01 月 11 日 Report date: 2022-01-10

产品名称 Product Name	NM-Carbomer 974P Carbomer Hopolymer Type B		
生产批号 The Batch No	20220110012		
生产日期 Manufacture Date	2022-01-10		
保质期 Retest Date	2024-01-09		
检验项目 Test Item	指标 Specification	测试频率 Test Frequency	结果 Result
外观 Appearance	松散白色粉末 Fluffy, white powder	常规 Each Lot	松散白色粉末 Fluffy, white powder
鉴别 Identification 比色 Colorimetric test 凝胶 Gel formation test 红外光谱 Infrared spectrum 沉淀 Precipitate test	PASS PASS PASS PASS	次/200 批 Once/200 lots 常规 Each Lot 次/200 批 Once/200 lots 次/200 批 Once/200 lots	PASS PASS PASS PASS
0.5%水溶液粘度 0.5% solution viscosity(20r/min, 25°C, mPa·s)	29,400~39,400	常规 Each Lot	31,000
羧基含量 Carboxylic Acid content, Assay %	56.0~68.0	常规 Each Lot	56.82
Residual solvent 残留溶剂 Ethyl acetate 乙酸乙酯 (%)	≤0.50	常规 Each Lot	0.33
残留丙烯酸 Residual Acrylic Acid (%)	≤0.25	常规 Each Lot	0.19
残留苯 Residual Benzene (ppm)	≤2	常规 Each Lot	PASS
重金属 Pb+As+Hg+Sb /ppm	≤10	次/200 批 Once/200 lots	N/A
干燥失重 Loss on drying (%)	≤2.0	常规 Each Lot	0.70
残留灰份 Sulphated Ash, (Residual on ignition)%	≤2.5	次/200 批 Once/200 lots	1.72
pH值 0.2%水溶液 pH 0.2% water solution	2.5~4.0	次/200 批 Once/200 lots	PASS
Conclusion: 		备注 Remark: NM-Carbomer 974P meet United States Pharmacopeia/National Formulary (USP/NF) monograph, European Pharmacopeia (Ph. Eur.) monograph, and Chinese Pharmacopoeia (ChP.) monograph. 满足 USP/EP/ChP 药典的要求	
批准 Approved By		检验员 Reported By	