



杭州瑞德化工有限公司
Hangzhou Read Chemical Co., Ltd.

Certificate of Analysis

Product:	Sodium Stearyl Fumarate	
CAS No.:	4070-80-8	
Batch No.:	20201105	
Manuf. Date:	2020/11/05	
Expiry Date:	2023/11/04	
Specification:	USP40/NF35	
Item	Standard	Result
Description	White or almost white crystalline powder	Almost white crystalline powder
Identification	IR	Conforms
Water	≤5.0%	3.1%
Lead	NMT 10ppm	<10ppm
Saponification value (anhydrous basis)	142.2-146.0	144.6
Limit of sodium stearyl maleate and stearyl alcohol		
sodium stearyl maleate	≤0.25%	Conforms
stearyl alcohol	≤0.5%	Conforms
Related substances(GC)		
Single impurity	≤0.5%	0.2%
Total impurities	≤5.0%	0.7%
Assay	99.0%-101.5%	99.8
Conclusion	Meets To USP40/NF35	
Storage	Airtightness	

Analyst: Xu Weijie

Checker: Qi Zhentao

Approved: Ren Jianqiang