

# OCTAGON CHEMICALS LIMITED

## CERTIFICATE OF ANALYSIS

Product name	Spironolactone (Cas 52-01-7)		
Batch No.	190305	Mfg. date	2019.03.15
Rep. Date	2019.03.20	Exp. date	2021.03.14
Packaging	25kg/carton	Test according to	USP40
Test Items	Standards		Results
Appearance	light cream-colored to light tan, crystalline powder, has a faint to mild mercaptan-like odor		conforms
Melting Range	198~209°C		206.5~208.0°C
Specific rotation	-41° ~ -45°		+42.9°
Identification	A. IR B. UV C. Chemical Tests		Conforms
Ordinary Impurities	NMT2.0%		<2.0%
Limit of Mercapto compounds	Should conform		Conforms
Loss on drying	NMT0.5%		0.1%
Particle Size	Minimum 90% NMT25Microns		99.4%
Assay (on dried basis)	97.0%~103.0%		99.8%
Conclusion	It meets the requirements of USP40 Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by: Zhang	