

OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Tianeptine Sulfate (Cas 1224690-84-9)		
Batch No.	19050301	Mfg. date	2019.05.03
Rep. Date	2019.05.08	Exp. date	2021.05.02
Packaging	5kg/Tin	Batch Size	185.3kg
Test Items	Standards: Enterprise		Results
Character	White to yellowish powder		White powder
Solubility	Soluble in N,N-dimethyl formamide, insoluble in water and methylene chloride.		Conforms
Identification	IR/Sulfate reaction		Conforms
Water	<5%		3.89%
Related substances	Single impurity:NMT0.2%		0.085%
	Total impurities: NMT0.5%		0.12%
Residual solvents	Triethylamine:NMT320ppm		ND
	Dichloromethane:NMT600ppm		10ppm
	Ethanol: NMT5000ppm		600ppm
	Acetonitrile: NMT410ppm		50ppm
Residue on ignition	NMT0.1%		0.04%
Heavy metals	NMT10ppm		<10ppm
Assay(on dried basis)	99.0%~101.0%		99.71%
Conclusion	It meets the requirements of Enterprise Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by:Zhang	