



SHANDONG SIGMACHEMICAL CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name 产品名称	Tianeptine acid 噻奈普汀酸		
CAS No.	66981-73-5		
Mfg. date 生产日期	2018-12-18	Exp. date 有效期至	2020-12-16

Tests 项目	Specifications 标准	Results 结果
Description 性状	White to off-white crystalline powder 白色至类白色粉末	off-white crystalline powder 类白色粉末
Solubility 溶解度	Freetly soluble In water and methanol 在水、甲醇中易溶	Complies 符合要求
Identification 鉴别	(1) By IR, To match with working standard IR 图谱应与对照品一致	Complies 符合要求
	(2)It gives reaction of sodium 应显钠盐的鉴别反应	Complies 符合要求
Related compounds 有关物质	Any impurity 任意杂质 $\leq 0.1\%$	0.026%
	Total impurities 总杂质 $\leq 0.4\%$	0.07%
Residual Solvents 溶剂残留	≤ 0.25	0.1
Water 水分	$\leq 1.0\%$	0.38%
Assay 含量	99.0%-101.0% (On anhydrous basis 以干品计)	100.35%
Conclusion	The results conform to the Enterprise standard 按照企业标准检验, 结果符合规定。	

Inspected By:Yang Ping Checked By: Liu Huimin Approved By:SunShubo