



XI'AN JUNYUAN BIO-TECH CO.,LTD

JUNYUAN TEL:+86-29-86106815 EMAIL:postmaster@junyuanbio.com WEB:www.junyuanbio.com

Certificate of Analysis-- Tianeptine sodium

Product Name	Tianeptine sodium	Batch No	SPND-20210310
Quantity	200KG	Analysis Date	Feb,12th,2021
Mfg. Date	Feb,10th,2021	Exp. Date	Feb,12th,2023
CAS No.	30123-17-2	Package	1KG/BAG

TEST	SPECIFICATION	RESULT
Appearance	White or off-white powder,hygroscopic	Off-White powder
Solubility	Freely soluble in water and methanol and dichloromethane	Conforms
Identification	By HNMR,to match with working standard	Conforms
	It gives reaction of sodium	Conforms
Impurities A	$\leq 0.1\%$	Not detected
Related compounds	Any impurity $\leq 0.1\%$	0.04%
	Total impurities $\leq 0.4\%$	0.2%
Residual solvents	Acetidin $\leq 0.5\%$	Not detected
	Dichloromethane $\leq 0.06\%$	Not detected
	Methanol $\leq 0.3\%$	Not detected
	Acetone $\leq 0.5\%$	Not detected
	Acetonitrile $\leq 0.041\%$	0.004%
	Ethanol $\leq 0.5\%$	Not detected
	N,N-dimethylformamide $\leq 0.088\%$	Not detected
Water	$\leq 5.0\%$	1.2%
Assay(By HPLC)	99.0%~101%	99.2%
Storage	Store in a tightly closed container in a cool and dry place, below 20°C.	
Conclusion	Confirm to enterprise standard	

QC: MANAGER:NianChen

INSPECTOR:FeiDeng

ANALYST: XiLi

