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Certificate of Analysis

BATCH NO. 批号	20120812	PRODUCT 品名	S-PPA 谷氨酸盐
SPECIFICATION 规格	9.5kg/tub	CAS NO.	219921-94-5
QUANTITY 数量	60.0kg	REPORT DATE 报告日期	2012年08月14日

TETS 检验	STANDARD 标准		RESULTS 检测结果
Appearance 外观	A white to almost white powder		Almost white powder
Solubility	Soluble in methanol. Sparingly soluble in water. Insoluble in dichloromethane.		Complies
Water 水分	≤1.0%		0.55%
Specific optical 比旋度	+30.0 °~+36.0 °		+34.1 °
Chromatographic purity 含量	≥99.0%		99.5%
Related substances (HPLC)	Total impurities	≤1.0%	0.44%
	Any single impurity	≤0.8%	0.31%
	Isomer	≤1.0%	0.08%

Conclusion: Complies with In-house standard.

QA manager :Ye XueMing