



## SPECIFICATION OF PABA

Product name 产品名称	Package 包装	Shelf life 有效期	Testing method 检验方法
P-Amino benzoic acid 对氨基苯甲酸	25kg/Fiber Drum or Full paper drum 25kg/纸板桶 或全纸桶	2 years 2 年	Refer to USP43 testing method 参照 USP43 方法检测
Items tested (检测项目)	Specification (规格标准)	Method (检测方法)	
Characters 性状	White or light yellow crystal or crystalline powder without smell 白色或淡黄色无气味结晶或结晶性粉末	Visual (目测法)	
Identification 鉴定	IR should comply with the reference standard spectrum. 红外光谱应与对照品图谱一致	IR	
	Solution main peak retention time should be consist with standard solution main peak retention time. 溶液主峰保留时间和标准品溶液主峰保持时间一致	UV	
Loss on drying 干燥失重	Not more than 0.2% 不得超过 0.2%	USP<731>	
Residue on ignition 炽灼残渣	Not more than 0.1% 不得超过 0.1%	USP<281>	
Assay (on dried basis) 含量(以干燥品计)	98.0~102.0%	USP<621>	
Related substances (HPLC) 相关物质	Nitrobenzoic acid $\leq 0.2\%$ 对硝基苯甲酸 $\leq 0.2\%$	USP<621>	
	Benzocaine $\leq 0.2\%$ 苯佐卡因 $\leq 0.2\%$		
	Any unspecified impurity $\leq 0.1\%$ 任何其他杂质 $\leq 0.1\%$		
	Total impurities $\leq 0.5\%$ 总杂质 $\leq 0.5\%$		
Aniline and P-toluidine 苯胺和对甲基苯胺 (GC)	Aniline $\leq 10\text{ppm}$ 苯胺 $\leq 10\text{ppm}$	USP<621>	
	P-toluidine $\leq 10\text{ppm}$ 对甲苯胺 $\leq 10\text{ppm}$		

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