



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product: Procaine Penicillin G (Sterile)

Batch No.: 504608011

Quantity: 100 Bou

Manuf Date: 2016.08.06

Date of check: 2016.08.

Expiry Date: 20120.08.05

Pckage: 20bou/drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	A white crystalline powder	A white crystalline powder
Identification	Positive	Conforms
pH	5.0~7.5	5.6
Loss on drying	2.8% ~ 4.2%	3.1 %
Related substance	4-aminobenzoic acid NMT 0.024% Any other impurity NMT 1%	0.003% 0.05%
Sterility	Meets the requirements	Conform
Bacterial endotoxins	Meets the requirements	Conform
Specific optical rotation	+165° ~ +180°	+174°
Assay		
Procaine benzylpenicillin(anhydrous) (C ₁₃ H ₂₀ N ₂ O ₂ .C ₁₆ H ₁₈ N ₂ O ₄ S)	96.0%~102.0%	98.8%
Procaine(anhydrous),calculated as (C ₁₃ H ₂₀ N ₂ O ₂)	39.0%~42.0%	41.20%
Conclusion	This product complied with the standard of BP standard.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03