



Certificate of Analysis

Product Name	Piperacillin Sodium	Manufacture Date	Jun.03.2023
Batch Number	SW230603	Analysis Date	Jun.04.2023
Batch Quantity	100kg	Expiry Date	Jun.03.2025

ANALYSIS	SPECIFICATION	RESULT
Appearance	White or off-white powder	Conform
Loss on Drying	≤0.2%	0.09%
Solubility	H2O: 50 mg/mL, clear, colorless to faintly yellow	Conform
Particle Size	100% through 80 mesh	Conform
Boiling Point	707.1 °C at 760 mmHg	Conform
Melting Point	183-185 °C (dec.)	184 °C
Heavy metal		
Pb	≤ 0.5 mg/L	Not Detected
Hg	≤ 0.1 mg/L	Not Detected
Cd	≤ 0.1 mg/L	Conform
Cr	≤ 1 mg/L	Conform
Ni	≤ 1 mg/L	Not Detected
Ba	≤ 50 mg/L	Conform
Sb	≤ 2 mg/L	Conform
As	≤ 2 mg/L	Conform
Total Microbial Content	10 CFU/mg	Conform
Assay	86.3%~100.7% HPLC	98%

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer: 李强

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Analyst: 方臻

