



Certificate of Analysis

Product Name	Heparin Sodium	Manufacture Date	June.13.2023
Batch Number	SW230613	Analysis Date	June.14.2023
Batch Quantity	12kg	Expiry Date	June.13.2025

ANALYSIS	SPECIFICATION	RESULT
Appearance	White crystalline powder	Complies
Assay	NLT 99.0%	99.38%
Identification	Characteristic	Characteristic
Solubility	Soluble in water	Complies
Residue On Ignition	$\leq 0.1\%$	0.05%
Loss on drying	$\leq 2.0\%$	1.02%
Heavy metal	$\leq 15\text{ppm}$	$< 3.5\text{ppm}$
Cadmium(Cd)	$\leq 1\text{ppm}$	Complies
Lead(Pb)	$\leq 2\text{ppm}$	$< 0.3\text{ppm}$
Arsenic(As)	$\leq 1\text{ppm}$	Complies
Mercury(Hg)	$\leq 0.5\text{ppm}$	Negative
Total bacteria count	$\leq 1000\text{cfu/g}$	Complies
Fungi	$\leq 100\text{cfu/g}$	$< 15\text{cfu/g}$
Samonella	Negative	Negative
E. Coli	Negative	Negative
Conclusion	This product complies with international standards	

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:方琼

