

Certificate of Analysis

Product Name	Heparin sodium	Batch No.	M24M04086
CAS No.	9041-08-1	MFG. Date	Apr 08, 2024
CAT No.	A000895	Retest Date	Apr, 2027
Items	Specification	Results	
Origin	Porcine intestinal mucosae	Conforms	
Description	A white or almost white powder, hygroscopic powder, freely soluble in water	Conforms	
Sodium	Positive sodium reaction	Conforms	
Specific Optical Rotation	$\geq 45^\circ$	$+50.11^\circ$	
PH	6.0-8.0	7.05	
Solubility	$\geq 40\%$ (W/V)	44.9%	
Turbidity of solution	$640\text{nm} \leq 0.018$	0.005	
Color of solution	Conforms	Conforms	
Absorption	$260\text{nm} \leq 0.150$	0.038	
Nitrogen	1.3%-2.5%	1.54%	
Sodium	10.5%-13.5%	10.82%	
Protein	$\leq 0.5\%$	0.41%	

Heavy Metals	$\leq 30\text{ppm}$	$< 30\text{ppm}$
Residue on ignition	28.0%-41.0%	34.2%
Heat lossing	$\leq 8.0\%$	4.3%
Bacteria	$\leq 30\text{cfu/g}$	20cfu/g
Microorganism	$\leq 100\text{cfu/g}$	20cfu/g
Endotoxin	≤ 0.01	0.005
Potency	$\geq 180\text{IU/mg}$	180IU/mg
Conclusion	Corresponds.	
Storage Condition	-20 °C	

QC:

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QA:

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