

济南山目生物医药科技有限公司 Jinan Samuel Pharmaceutical Co., Ltd

Certificate Of Analysis

Product Name	D-galactosamine hydrochloride	
CAS No.	1772-03-8	
Structure	HCI HO OH	
Manufacture date	2018.03.2	
Batch No.	Sam85-5195-18	

Analysis Items	Specification	results
Appearance	Light yellow powder	White Powder
Purity (%)	≥98% by HPLC	99.7%
Specific Optical rotation	92 to 98	96.7
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Melting Point	172-178	173.1-177.4
Loss on drying	N.M.T. 2%	0.06%
Residue on Ignition	N.M.T. 0.5%	0.03%
Heavy metal	N.M.T.10ppm	Conforms
Glucosamine	N.M.T.0.5% (NMR)	Conforms
Solubility (10%in H2O)	Clear and colorless	Conforms
Conclusion	The product analytical results comply with the specification	

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