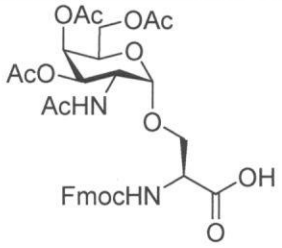
济南山目生物医药科技有限公司
Jinan Samuel Pharmaceutical Co., Ltd

Certificate of Analysis

Product Name	Tetra-acetyl-amino-galactoside-L-serine (Tn-Serine)
CAS No.	120173-57-1
Structure	 Tn-Serine
Manufacture date	June 04, 2019
Batch No.	Sam153-8340-22
Quantity	2.1 g

Analysis Items	Specification	results
Appearance	Crystalline solid	White powder
Purity (%)	≥98% by HPLC	99.8%（ELSD） 99.8%（UV 254nm）
^{1}H NMR	Conforms to structure	Conforms
^{13}C NMR	Conforms to structure	Conforms
LCMS	Conforms to structure	Conforms
Conclusion	The product analytical results comply with the specification	

Analyst: 刘春妍　　Director: 唐鹏飞

Room 1106, Building 2, Jinan Pharm Valley
1 North Gangxing Road, Jinan New High-Tech Area
Jinan, Shandong, China 250100

Tel: +86 531 88821801
Fax: +86 531 88821802
Phone: +86 18649108303