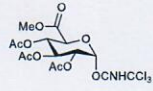




济南山目生物医药科技有限公司
Jinan Samuel Pharmaceutical Co., Ltd

Certificate of Analysis

| | |
|-------------------------|------------------------------------------------------------------------------------|
| Product Name | 3,4,6-Tri-O-Acetyl-Alpha-D-Glucopyranose 1,2-(Methyl orthoacetate) |
| CAS No. | 92420-89-8 |
| Structure |  |
| Manufacture date | 2017.7.24 |
| Batch No. | Sam25-2821-9 |
| Quantity | 1 kg |

| Analysis Item | Specification | results |
|--------------------------|--------------------------------------------------------------|--------------------|
| Appearance | Slightly off-white to light yellow | Slightly off-white |
| Loss on Drying | Max.0.4% | 0.3% |
| Purity (%) | ≥97% by HPLC (210nm) | 98% |
| Impurity A(%) | Max.2.0% | 0.14% |
| Impurity B(%) | Max.2.0% | 1.38% |
| Turbidity | Max.4.0% NTU | 1.7 NTU |
| ¹H NMR | Conforms to structure | Conforms |
| FT-IR spectrum | Corresponds to reference spectrum | Conforms |
| Conclusion | The product analytical results comply with the specification | |

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