



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

# Certificate Of Analysis



|                  |  |
|------------------|--|
| Product Name     | 2,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucopyranosyl isothiocyanate<br>2,3,4,6-O-四乙酰基- $\beta$ -D-吡喃葡萄糖基异硫氰酸酯 |
| CAS NO.          | 14152-97-7   |
| Structure        |  |
| Chemical Formula | C <sub>15</sub> H <sub>19</sub> NO <sub>9</sub> S  |
| Molecular Weight | 389.38   |
| Manufacture date | 2019.10.22   |
| Batch No.        | Sam179-9351-10   |

| Analysis Items  | Specification  | results              |
|---|--|----------------------|
| Appearance  | White Powder   | White Powder         |
| Purity (%)  | $\geq 98\%$ by HPLC  | 99%(HPLC246nm, ELSD) |
| Specific Optical Rotation $[\alpha]_D^{20}$<br>(c=1 CH <sub>2</sub> Cl <sub>2</sub> ) | -2 to -5°  | -2.4°                |
| Melting Point   | 113-117 °C   | 114 °C               |
| <sup>1</sup> H NMR  | Conforms to structure  | Conforms             |
| Conclusion  | The product analytical results comply with the specification |                      |

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