

## Certificate of analysis

Product name: D-Glucose 6-phosphate monosodium salt	
CAS: 54010-71-8	Product code: TG0198
Chemical formula: C <sub>6</sub> H <sub>12</sub> O <sub>9</sub> PNa	Batch No.: ZT0198241101
MW: 282.12	Quantity: 150g

Item	Specification	Result
Appearance	White to off-white powder	White powder
Assay (Titration)	97 to 103%	99.1%
Identity (HNMR)	Conform to structure	Conforms
Identity (PNMR)	Conform to structure	Conforms
Specific optical rotation [α] <sup>20</sup> <sub>D</sub> (c=10, H <sub>2</sub> O)	+31 to +35°	+33.3°
Water content (KF)	<6%	0.1%
Conclusion: Comply with In-house standard		

**Notes:** Protect from light and moisture air. Store at 2-8°C.

**Address:**

Suit 306, Building B2, No.2 Tianerdang Road  
 Fumeng SI-Park,  
 Wuzhong District, Suzhou City  
 China

**Contract:**

Tel: 0512-66317708  
 Email: huijuan@zitrans.cn

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