

## Certificate of analysis

Product name: Methyl 6-O-(N-heptylcarbamoyl)- $\alpha$ -D-glucopyranoside	
CAS: 115457-83-5	Product code: TM0352
Chemical formula: C <sub>15</sub> H <sub>29</sub> NO <sub>7</sub>	Batch No.: ZT0352241001
MW: 335.39	Quantity: 250.0g

Item	Specification	Result
Appearance	White to off-white powder	White powder
Purity (HPLC)	>98%	99.2%
Identity (HNMR)	Conform to structure	Conforms
Solubility (10mg/ml in H <sub>2</sub> O)	Clear and colorless solution	Conforms
Specific optical rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup> (c=1, H <sub>2</sub> O)	+90 to +98°	+93.4°
Conclusion: Comply with In-house standard		

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

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