

## Certificate of Analysis

Date of Testing: 2023-02-14 18:47:42  
Date of Next Testing: 2027-02-13 18:47:42  
Product Name: **Methyl- $\beta$ -cyclodextrin**  
CAS Number: 128446-36-6  
Specifications & Purity: average Mn 1310  
Lot #: B2309146  
SKU #: **M102038**  
Analysis: **043306**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> /D(c=1 in H <sub>2</sub> O)	154-164 (°)	162.00°
Appearance (M102038)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager