



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-215141B  
Lot Number: SAMPLE  
Product Name: Heptakis(2,6-di-O-methyl)- $\beta$ -cyclodextrin  
CAS Number: 51166-71-3  
Molecular Formula:  $C_{56}H_{98}O_{35}$   
Molecular Weight: 1331.36

| Test                | Specification                                                                    | Result                     |
|---------------------|----------------------------------------------------------------------------------|----------------------------|
| Appearance          | White to off-white powder                                                        | White powder               |
| Assay               | $\geq 98\%$ (2,6-Di-O-methyl-b-CD + other methyl CDs)                            | 99.6%                      |
| Residue on Ignition | $\leq 0.5\%$                                                                     | 0.37%                      |
| Solubility          | Clear to faintly turbid, colourless to pale yellow solution at 5% in 1M $NH_4OH$ | Clear, colourless solution |
| Water Content       | $\leq 10.0\%$                                                                    | 4.5%                       |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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