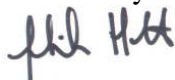


Certificate of analysis

gamma-Cyclodextrin hydrate**Stock Number: L11271****Lot Number: 10126889****Analysis**

Appearance	White powder
Melting point	270°C (dec.)
Assay	> 98 %
Water (K.F.)	9.23 %
Optical rotation (c=1 in water)	+163.1°
Optical rotation (c=1 in water, dry basis)	+179.7°

Certified by:



Quality Control

This document has been electronically generated and does not require a signature.