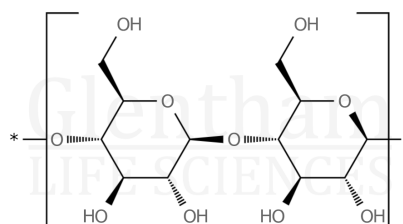


Certificate of Analysis

Product Name	Cellulose, microcrystalline powder, 90 micron
Glentham Code	GV9019
CAS Number	9004-34-6
EINECS	232-674-9
MDL Number	MFCD00081512
Batch Number	236GPC

Molecular Weight	(162.1)n
Molecular Formula	(C ₆ H ₁₀ O ₅)n
Storage Temp.	+20°C



Property	Specification	Batch 236GPC
Physical Description	White to almost white powder	Conforms
pH (10% in water)	5.0 - 7.5	6.42
Residue on Ignition	≤ 0.1%	0.0289%
Heavy Metals	≤ 10ppm	Conforms
Average Particle Size (d50)	70 - 100 µm	93 µm
Bulk Density	0.26 - 0.34 g/cm ³	0.311 g/cm ³
Loss on Drying	≤ 7.0%	3.322%
Assay	98.0 - 102.0 %	99.62%

Specification Version	v1.0
Manufacture Date	2019-03-01
Re-Test Date	2027-11-06

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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