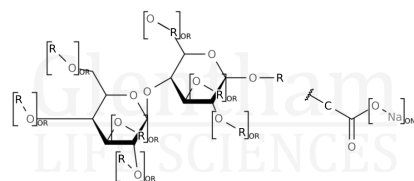


## Certificate of Analysis

Product Name	Carboxymethylcellulose sodium salt, very low viscosity
Glentham Code	GC0321
CAS Number	9004-32-4
MDL Number	MFCD00081472
Batch Number	643SLC
Molecular Weight	~90,000
Molecular Formula	$[C_6H_7O_2(OH)_x(OCH_2COONa)_y]_n$
Storage Temp.	+20°C



Property	Specification	Batch 643SLC
Physical Description	White to off-white powder	Conforms
Purity	≥ 99.5%	99.6%
Water	≤ 10.0%	7.0%
Degree of Substitution	≥ 0.65	0.85
pH	6.0 - 8.5	7.5
Viscosity	100 - 500 cps (2%, LTV, 30rpm, sp.2)	458 cps
Heavy Metals (as Pb)	≤ 20ppm	Conforms
Lead (Pb)	≤ 2ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms

Specification Version	v1.0
Manufacture Date	2022-03-15
Re-Test Date	2029-03-11

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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