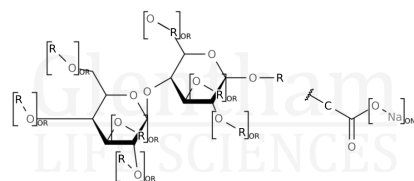


## Certificate of Analysis

Product Name	Carboxymethylcellulose sodium salt, medium viscosity
Glentham Code	GC2916
CAS Number	9004-32-4
MDL Number	MFCD00081472
Batch Number	806TZM
Molecular Weight	~250,000
Molecular Formula	$[C_6H_7O_2(OH)_x(OCH_2COONa)_y]_n$
Storage Temp.	+20°C



Property	Specification	Batch 806TZM
Physical Description	Free flowing white or off-white powder	Off-white powder
Purity	$\geq 99.5\%$	99.60%
Water	$\leq 10.0\%$	5.5%
Degree of Substitution	$\geq 0.65$	0.86
pH	6.0 - 8.5	7.3
Viscosity	1500 - 3000 cP (2%, LVT, 30rpm, sp.3)	2060 cP
Heavy Metals (as Pb)	$\leq 20\text{ppm}$	Conforms
Lead (Pb)	$\leq 2\text{ppm}$	Conforms
Arsenic (As)	$\leq 3\text{ppm}$	Conforms
Cadmium (Cd)	$\leq 1\text{ppm}$	Conforms
Mercury (Hg)	$\leq 1\text{ppm}$	Conforms

Specification Version	v1.0
Manufacture Date	2022-09-13
Re-Test Date	2029-08-01

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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