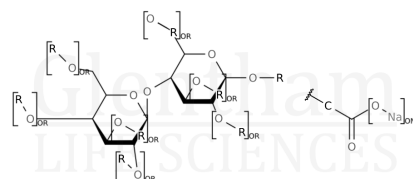


Certificate of Analysis

Product Name	Carboxymethylcellulose sodium salt, high viscosity
Glentham Code	GC7698
CAS Number	9004-32-4
MDL Number	MFCD00081472
Batch Number	905EWG
Molecular Weight	~700,000
Molecular Formula	$[C_6H_7O_2(OH)_x(OCH_2COONa)_y]_n$
Storage Temp.	+20°C



Property	Specification	Batch 905EWG
Physical Description	White to off-white powder	Conforms
Identification (IR)	To conform to standard	Conforms
pH	6.0 - 8.5	7.2
Viscosity	3500 - 4500 cP (1%, LVT, 30rpm, sp.4)	4179cP
Degree of Substitution	≥ 0.65	0.85
Heavy Metals (as Pb)	≤ 20ppm	Conforms
Lead (Pb)	≤ 2ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Water	≤ 10.0%	6.8%
Purity	≥ 99.5%	99.6%

Specification Version	v1.1
Manufacture Date	2023-02-23
Re-Test Date	2030-02-07

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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