

## Certificate of Analysis

Product Name	Alginate acid
Glentham Code	GC9046
CAS Number	9005-32-7
EINECS	232-680-1
MDL Number	MFCD00081309
Batch Number	674YVB

Molecular Weight	-
Molecular Formula	(C <sub>6</sub> H <sub>8</sub> O <sub>6</sub> ) <sub>n</sub>
Storage Temp.	+20°C

Property	Specification	Batch 674YVB
Physical Description	White to light-yellow or beige powder	Beige powder
Solubility (1% in 0.1M NaOH)	Clear to faintly turbid, colourless to pale yellow-brown solution	Faintly turbid pale yellow solution
pH (3% in water)	1.5 - 3.5 (dispersion)	2.3
Carboxyl Content	19.0 - 25.0 %	24.7%
Heavy Metals	≤ 20ppm	Conforms
Residue on Ignition	≤ 5.0%	1.14%
Loss on Drying	≤ 15.0%	8.1%

Specification Version	v1.0
Manufacture Date	2021-04-01
Re-Test Date	2029-09-13

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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