

Certificate of Analysis

Product Name	Alginate sodium salt
Glenthams Code	GE7494
CAS Number	9005-38-3
MDL Number	MFCD00081310
Additional CAS	9005-32-7
Batch Number	928EGI

Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C

Property	Specification	Batch 928EGI
Physical Description	White to off-white powder or beige powder	White powder
Loss on Drying	≤ 15.0%	< 12.0%
Content	≥ 99.0%	> 99.0%
Insoluble Matter	≤ 2.0%	< 2.0%
pH (1% solution)	5.5 - 7.5	7.2
Sulphated Ash	30.0 - 36.0 %	Conforms
Calcium (Ca)	≤ 1.5%	< 1.5%
Chloride (Cl)	≤ 1.0%	< 1.0%
Arsenic (As)	≤ 3ppm	< 3ppm
Lead (Pb)	≤ 4ppm	< 4ppm
Cadmium (Cd)	≤ 1ppm	< 1ppm
Mercury (Hg)	≤ 1ppm	< 1ppm
Viscosity	450 - 550 cP (1% in water)	460cP
Total Plate Count	≤ 1000CFU/g	< 1000CFU/g

Specification Version	v1.2
Manufacture Date	2024-07-02
Re-Test Date	2032-06-28

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

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