

CERTIFICATE OF ANALYSIS

Product : **GELCARIN GP-812**
 Product number : G1007
 Batch number : 015783
 Date of manufacturing : 02-06-2020
 Date of expiry : 30-06-2025

Packaging and storage : store dry at room temperature in a well-closed container

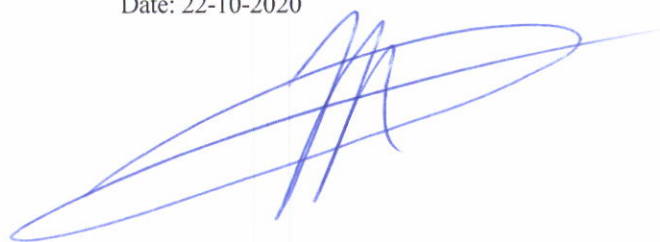
	SPECIFICATION	RESULT	UNITS	REMARKS
Identification	conform	complies		
Solubility	soluble in hot water	complies		
Loss on drying	≤ 12.5	7.3	%	
pH	7.0 – 10.0	9.6		1.5% solution
Particle size 100 mesh	≥ 95.0	98.8	%	
Viscosity	≥ 5	21	mPa.s	1.5% solution
Water gel	750 – 1050	1000	g/cm ²	
Microbiology:				
Total bacterial count	≤ 200	30	cfu/g	
Salmonella	not detected	complies	/25 g	
Moulds & yeasts	≤ 100	20	cfu/g	
E.coli	not detected	complies	/10 g	
Pseudomonas aeruginosa	not detected	complies	/10 g	
Staph. aureus	not detected	complies	/10 g	
Acid insoluble matter	≤ 2.0	0.5	%	
Arsenic	≤ 3	0.1	ppm	
Lead	≤ 10	0.1	ppm	
Total heavy metals	≤ 40	complies	ppm	
Ash	≤ 35.0	34.6	%	

This certificate of analysis is conform the results of the supplier.

Conclusion: approved
 Released by:

drs. M. van Wissen, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 22-10-2020



The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.