

## CERTIFICATE OF ANALYSIS

Product : **GELCARIN GP-812**  
 Product number : G1007  
 Batch number : 017213  
 Date of manufacturing : 10-05-2022  
 Date of expiry : 31-05-2027

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

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Identification	conform	complies		
Solubility	soluble in hot water	complies		
Loss on drying	≤ 12.5	7.9	%	
pH	7.0 – 10.0	9.6		1.5% solution
Particle size 100 mesh	≥ 95.0- 100.0	98.4	%	
Viscosity	≥ 5	16	mPa.s	1.5% solution
Water gel	750 – 1050	870	g/cm <sup>2</sup>	
Microbiology:				
Total bacterial count	≤ 200	100	cfu/g	
Salmonella	not detected	complies	/25 g	
Moulds & yeasts	≤ 100	50	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	0.3	%	
Arsenic	≤ 3.0	0.1	mg/kg	
Lead	≤ 10.0	0.1	mg/kg	
Ash	≤ 35.0	34.9	%	

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: 04-08-2022



The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.  
**Duchefa Biochemie B.V.**