

CERTIFICATE OF ANALYSIS

Product : **GELCARIN GP-812**
 Product number : G1007
 Batch number : 015340
 Date of manufacturing : 12-12-2019
 Date of expiry : 31-12-2024

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Identification	conform	complies		A,B,C,D
Solubility	soluble in hot water	complies		
Loss on drying	≤ 12.5	10.4	%	
pH	7.0 – 10.0	9.2		1.5% solution
Particle size 100 mesh	≥ 95.0	99.8	%	
Viscosity	≥ 5	18	mPa.s	1.5% solution
Water gel	750 – 1050	919	g	
Microbiology:				
- Total bacterial count	≤ 200	80	cfu/g	
- Salmonella	not detected	complies	/25 g	
- Moulds & yeasts	≤ 100	20	cfu/g	
- E.coli	not detected	complies	/10 g	
- Pseudomonas auruginosa	not detected	complies		
- Staph. aureus	not detected	complies		
Acid insoluble matter	≤ 2.0	0.5	%	
Arsenic	≤ 3	complies	ppm	
Lead	≤ 10	complies	ppm	
Total heavy metals	≤ 40	complies	ppm	
Ash	≤ 35.0	33.2	%	

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: 07-04-2020



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

Duchefa Biochemie B.V.