西安天丰生物科技股份有限公司
Xi'an Natural Field Bio-Technique Co., Ltd

CERTIFICATE OF ANALYSIS

Product Name:	**γ poly glutamic acid(γ-PGA)**		
CAS NO.:	25513-46-6	Manu Date:	Mar. 02, 2020
Batch Number:	NF-20200302	Expiration Date:	Mar. 01, 2022
Quantity:	0.2kg	Report Date:	Mar. 04, 2020
Storage Condition:	Store in a well-closed and dry place with constant room temperature and Non-direct sunlight		

Item	**Standard**	**Test Result**
Assay(HPLC)	≥90%	92.00%
Organoleptic		
Description	White or off-white powder	Conforms
Physical Characteristics		
PH value (1% solution)	5.0-7.5%	5.29%
Intrinsic viscosity		1.73dl/g
Absorbance (4%, 400nm)	≤0.12%	0.003%
Molecular weight/Da	700K-1100K	Conforms
Heavy metals		
Total Heavy Metals	≤10.0ppm	Conforms
Microbiological Tests		
Total Plate Count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
Conclusion	Conforms to the In-house standard	
Tested by:	Lijun Dou	Approved by: Jicheng Kou

Xi'an Natural Field Bio-technique Company Limited
Inspection

地址：西安市高新区科技三路57号融城云谷B座5层
Add: 5th Floor, Building B, No.57,Keji 3rd Road,High-Tech Zone,Xi'an,710075,China
Tel: (86)29-87973630 Mail: sales@natural-field.com www.natural-field.com