

TEST RESULT

NO.: STI-20180910-054NC1

Page 1 of 4

Client : SYNMR BIOTECHNOLOGY(SHANGHAI) LIMITED

Client Address : Room 508, YuZhou Plaza, No 299 JingGang Road, Pudong New A, Shanghai 200120

This test result is based on the sample sent by the applicant. The sample information are as follows:

Sample Information : ProGBB™

Sample Quantity : 1 pc

Date Received : 2018.09.10

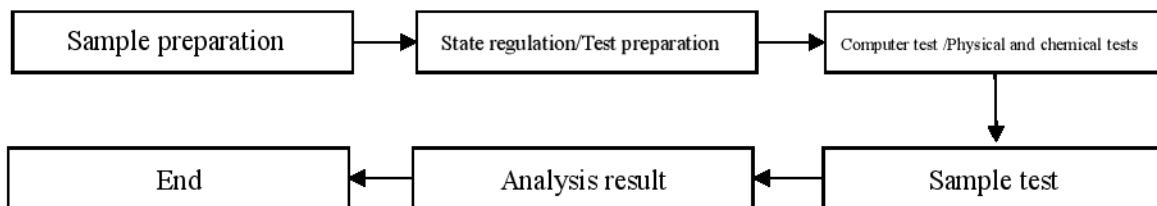
Test Period : 2018.09.10—2018.10.18

Test Requirement : Selected test(s) as requested by client.

Test Result : See Page 3~4.

Remark : /

Test process is as follows:



Qingdao Sci-tech Innovation Quality Testing Co.,Ltd.

2018.10.22

TEST RESULT

NO.: STI-20180910-054NC1

Page 2 of 4

Notes

- 1、 Test result is invalid without the special testing seal or the cross-page seal of our company.
- 2、 Any unauthorized copy, illegal transfer, embezzlement, imposture, modification or any other kind of manipulation in full or part of the test result is not valid, which will be held responsible legally by our company.
- 3、 The result is only responsible for the tested sample except as otherwise noted. Any objection to the test result should be submitted to us within 15 days since the result is received.
- 4、 Our company will keep the samples according to the applicant's requirements, but it will not be responsible for any loss and damage of the samples and productions. The saved samples will be destroyed after one month, unless required by the applicant. Our company have rights to deal with the spoiled products ahead of schedule.
- 5、 Our company can delegate some or all services to agents or subcontractors. The applicant should authorize us to tell the relevant applicant information to agents or subcontractors for better services.
- 6、 If the test result will be used for court proceedings and arbitration, the applicant shall tell us in written form before submitting the consignment agreement. Otherwise, we will be not responsible for any loss and dispute and have rights to claim for compensation.
- 7、 The applicant should undertake responsibilities for the authenticity of sample information and other materials, which our company will not assume any liability related.
- 8、 The result is only used in research, teaching and internal quality control instead of social proof. It shall not be used for court proof, arbitration and other related activities without our permission.

TEST RESULT

NO.: STI-20180910-054NC1

Page 3 of 4

1. Test Result

NO.	Test Item	Test Result	Remark
1	Energy, kJ/100g	1663	/
2	Acute oral toxicity test (mouse)	See attachments	/
Remark	/		
End of Form			
The above result is only responsible for the sample sent by the applicant.			

2. Attachment

①Test environment: Barrier system animal room. Certificate No. SYXK (Zhe) 2018-0003, room temperature 22.5℃~24.6℃, relative humidity 45.9%~58.4%.

②Test animals: ICR mice, obtained from Center for Laboratory Animal of Zhejiang Province. Certificate No. SYXK (Zhe) 2014-0001.

③Number of animals/sex: 20 males, 20 females.

④Sample preparation: 1.0017g, 0.4642g, 0.2154g, 0.1012g samples were dissolved and poured into 20mL volumetric flask respectively. And diluted to the mark with pure water. The diluent was fully shaken and poured into the reagent bottle, labeled standby.

⑤Test method: The horn dose method was used. Dosage were 1001.7 mg/kg, 464.2 mg/kg, 215.4 mg/kg, 101.2 mg/kg, respectively. The animals were fasted for 4 hours before contamination. The animals were checked for mortality or signs of morbidity at least twice a day during the observation period. The body weight of each animal was recorded once a week. Gross autopsies were performed on all animals that died during the observation period and on all survivors after 14 days observation.

⑥Results: For male and female animals, all of the animals died at 1001.7 mg/kg dose group. 4 male animals and 3 female animals died at 464.2 mg/kg doses group. 3 male animals died at 215.4 mg/kg doses group. But all of the female animals at 215.4 mg/kg dose group. And all of the animals at 101.2 mg/kg dose group were survived. Gross anatomy no remarkable pathological findings on all survivor animals after 14 days observation.

⑦Conclusions: The LD₅₀ of male animal is equal to 233 mg/kg (Confidence limit: 143 mg/kg ~ 378 mg/kg);
The LD₅₀ of female animal is equal to 430 mg/kg (Confidence limit: 295 mg/kg ~ 626 mg/kg).

TEST RESULT

NO.: STI-20180910-054NC1

Page 4 of 4

Attach table Results of acute oral toxicity test

Sex	Dose-level (mg/kg)	Number of animals	Weight ($\bar{X} \pm SD$) (g)				Mortality	Rate of Death
			0 day	7 day	14 day	Weight gain		
Male	1001.7	5	19.8±1.56	/	/	/	5	100
	464.2	5	19.1±0.57	22.7	26.1	6.5	4	80
	215.4	5	19.2±1.05	23.3±0.21	27.5±0.35	8.5±1.14	3	60
	101.2	5	19.9±1.58	23.4±1.46	27.3±1.07	7.4±0.69	0	0
Female	1001.7	5	20.0±1.38	/	/	/	5	100
	464.2	5	20.7±1.41	24.4±0.35	28.0±1.06	6.6±0.85	3	60
	215.4	5	19.8±1.64	24.4±1.58	28.6±1.74	8.8±0.23	0	0
	101.2	5	20.2±1.71	23.5±1.55	27.2±2.02	7.0±0.82	0	0

End