TDS-Technical Data Sheet

Applicant	:	**Guangdong Nuojo IM Biotech Co., Ltd.**
Address	:	NO.2, Building 9,Liandong Innovation and Technology Centre, No.2 Guangxin Street, Guangzhou (Qingyuan) Industrial Transfer Park, Shijiao Town, Qingcheng District, Qingyuan City
Sample Name	:	**Glycerin**
Sample Received Date	:	Jun.13,2025
Sample tested Date	:	Jun.13,2025 - Jun.18,2025

1.1 Technical specifications

Item	Standard
Appearance	Transparent colorless viscous liquid
Content（%）	⩾99.9%
Color（APHA）	⩽ 10
Phenol content（ mg/kg）	⩽ 5
Density（20℃）	1.105-1.110
Dioxan(ppm)	⩽ 2
Water（%)	⩽ 0.1

**********FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)**********

Signed for and on behalf of
Shenzhen CDT Testing Technology Co., Ltd

Drafted By: Nancyzhang Review By: Jayliu Approved By: Jackywang

Zhang fei /Nancy	Liu yang /Jay	Wang hao/ Jackey
Report writer	Report Reviewer	Technical Supervisor

1.2 Antibacterial properties

Bacteria name	MIC（ppm）
Escherichia coli	4000
Pseudomonas aeruginosa	3000
Staphylococcus aureus	6200
Aspergillus niger	4000
Candida albican	4000

1.3 Regulatory

National and Regulatory	Restricted substances	Maximum permissible concentration of use in cosmetics
Technical Specification for Cosmetic Safety 2015	Glycerin	50.0%
（EC）NO1223/2009	Glycerin	50.0%

1.4 Application

- Glycerin is widely used as a base material, emollient, humectant and lubricant in cosmetics, and is widely used in skin face cream, lotions, shampoos, hair conditioners, soaps and detergents.

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