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	:	**Hamamelis Virginiana Extract**
Sample Received Date	:	Jun.13,2025
Sample tested Date	:	Jun.13,2025 - Jun.19,2025

1.1 Technical specifications

Item	Standard
Appearance	Yellow Powder
Content（%）	⩾99.9%
Color（APHA）	⩽ 10
Phenol content（ mg/kg）	⩽ 5
Density（20℃）	0.900-1.110
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	6000
Aspergillus niger	3800
Candida albican	4000

1.3 Regulatory

National and Regulatory	Restricted substances	Maximum permissible concentration of use in cosmetics
Technical Specification for Cosmetic Safety 2015	Hamamelis Virginiana Extract	1.0%
（EC）NO1223/2009	Hamamelis Virginiana Extract	1.0%

1.4 Application

- Witch hazel essence is rich in tannin, flavonoids and other effective ingredients, which have antibacterial and anti-inflammatory effects, control oil and shrink pores, especially suitable for oily skin and acne skin. In addition, witch hazel essence also contains nicotinamide, which can repair the cuticle, strengthen the skin's defense ability, and has a significant soothing effect

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