

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 : Rosin
Sample Received Date : Nov.13,2024
Sample tested Date : Nov.13,2024 - Nov.19,2024

1.1 Technical specifications

Item	Standard
Appearance	Light yellow solid
Content (%)	$\geq 99.9\%$
Color (APHA)	≤ 10
Phenol content (mg/kg)	≤ 5
Density (20°C)	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

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1.2 Antibacterial properties

Bacteria name	MIC (ppm)
Escherichia coli	4000
Pseudomonas aeruginosa	3200
Staphylococcus aureus	6400
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	Rosin	2.0%
(EC) NO1223/2009	Rosin	2.0%

1.4 Application

- Rosin is often applied to the bow hair of string instruments in the field of art to increase friction and make the sound fuller. In addition, rosin also has good antibacterial and anti-inflammatory effects and can be used to prepare topical ointments. It should be noted that rosin itself is not very toxic, but due to its often containing heavy metals such as lead and toxic compounds, as well as peroxides produced after repeated use and oxidation, it may have a serious impact on human health. Therefore, when using rosin, direct contact with eyes and skin should be avoided, and it should be placed in a cool, ventilated, and dry place.

*****END OF REPORT*****