



ZHENGZHOU OPAL BIOTECH. LIMITED.

Tel.:+86 -371-55675271 ; Mob.:+86 -17335701862

CERTIFICATE OF ANALYSIS

Gellan Gum (LAT)

Product: Gellan Gum Type Code : LAT Lot. No.: 22080404
MFG. Date : AUG.04,2022 EXP. Date : AUG.03,2024
CAS. Code: 71010-52-1 Report Date : AUG.09,2022
Source: Sphingomonas Elodea ; Edible Glucose; Soy Protein...
Trget Application : Plant Growth Tissue Culture Mediam / Plant Cell Culture
Country of Origin : China.

Table with 3 columns: Test, Standard, Result. Rows include: Appearance: Off-White to Cream Powder. CONFORM., *Odor: Typical. CONFORM., Gellan Gum Content: 85.0%—108.0% 99.6%, *Assay (as CO2 content on dry basis): 3.3%-6.8% -, Ash: ≤15.0% 11.4%, Loss on Drying: ≤15.0% 5.86%, pH(0.5% Solution): 5.0—7.5 7.18, Particle Size: 60Mesh Through ≥95% PASS., *Identification : Pass Test. PASS., Gel Strength: ≥900g/cm² 1118g/cm², Transmittance(0.5%): ≥85% 86.20%, *Total Nitrogen : ≤3.0% CONFORM., *Viscosity (0.5%): / -, Lead: ≤2.0mg/kg CONFORM., Mercury: ≤1.0mg/kg CONFORM., Arsenic: ≤2.0mg/kg CONFORM., Cadmium: ≤1.0mg/kg CONFORM., Residue of Ethanol: ≤750mg/kg CONFORM., *Isopropyl Alcohol: ≤750mg/kg CONFORM., Total Batch Qty.: N/A, Remark: This Material is Intended for Laboratory Use Only.

ANALYST: PAN,CUIHUA REVIEW: LIU,CHANGMING CHECKER: ZHANG,SHENGLI

郑州欧宝生物科技有限公司
ZHENGZHOU OPAL BIOTECH. LIMITED

Web.: www.opalbiotech.com
Email: opalbio@hotmail.com