

# Certificate of Analysis

## Plant gel

For plant cell culture

<b>Product No.:</b>	JS30511
<b>Batch No.:</b>	JSF1124KJ3
<b>CAS No.:</b>	71010-52-1
<b>Quality Release Date:</b>	24/Oct/2025
<b>Recommended Retest Date:</b>	23/Oct/2027
<b>Storage At:</b>	RT

TEST	SPECIFICATION	RESULT
Appearance	Off-white, free-flowing powder	Conforms
Granularity	95% over 60 mesh	Conforms
Calcium gel experiment	To pass test	Pass
Solubility	Dissolves in water, forming a viscous solution	Conforms
Dry matter loss (w/%)	≤15	6.5
Total ash (w/%)	≤15	4.3
Gelatin (w/%)	85.0-108.0	98.0
PH (0.5%)	5.5-8.0	Conforms
Transparency (0.5%)	≥80	93
Gel strength (0.5%, Ca <sup>2+</sup> , g/cm <sup>2</sup> )	≥1200	Conforms
Isopropanol (mg/kg)	≤750	510
Lead (mg/kg)	≤2.0	0.2
Total Colony Count (CFU/g)	≤10,000	4000

TEST	SPECIFICATION	RESULT
Mold and yeast (CFU/g)	≤400	200
Coliform bacteria (MPN/100g)	≤30	12

**Clara Chen, Manager**

**Quality Control**

**Hongkong, China**

JSENB(HK) warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. For further inquiries, please contact Technical Service or authorized agent according to the batch bar number of the out-of-box list of the product department. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.