

**Qualikems**

# Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	: Gellan Gum	<b>CAS No.</b>	: 71010-52-1
<b>Molecular Formula</b>	: --	<b>Molecular Weight</b>	: --
<b>Batch No.</b>	: QF2503242	<b>Grade</b>	: LR
<b>Mfg. Date</b>	: March-2025	<b>Retest Date</b>	: February -2030

Sr. No.	Tests	Specification	Observation
1	Appearance	Off-white, odorless, Free flowing powder	Complies
2	Content	85~108%	98.11 %
3	Solubility	Soluble in water to form viscous solution	Complies
4	Calcium ion test	Pass	Complies
5	Particle size	≥95% Pass 60 mesh	Complies
6	Loss on drying	≤ 15.0%	6.10%
7	Loss on Ignition	≤ 15.0%	10.4%
8	pH value	5.5~7.5	6.70
9	Residue of ethanol	≤ 750mg/kg	Complies
10	Gel strength (0.5% solution )	≥ 800g/cm <sup>2</sup>	1060g/cm <sup>2</sup>
11	Total Nitrogen	≤3%	Complies
12	Transmittance %	≥76%	82.4%
13	Lead	≤ 2mg/kg	Complies
14	Mercury	≤1mg/kg	Complies
15	Arsenic	≤2mg/kg	Complies
16	Cadmium	≤1mg/kg	Complies
17	Total bacterial	≤10,000cfu/g	Complies
18	Yeast & Mold	≤400cfu/g	< 300cfu/g
19	E. Coli	Negative	Negative
20	Salmonella	Negative	Negative

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

\*NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength\*