

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Hydroxypropyl Guar
<b>Product Code</b>	AL00292
<b>INCI Name</b>	Hydroxypropyl Guar
<b>CAS Number</b>	39421-75-5
<b>Lot Number</b>	SDLH2500316
<b>Manufacture Date</b>	03/2025
<b>Re-test Date</b>	09/2026

Items	Specification	Results
<b>Appearance</b>	Yellowish, pure and fine powder	Conforms
<b>Moisture, %</b>	≤ 10	8.5
<b>Particle Size through 120 Mesh, %</b>	≥ 99	99.8
<b>Particle Size through 200 Mesh, %</b>	≥ 90	90.7
<b>Viscosity (1%, 25°C, 2hr, 4# 30rpm) mPa.s</b>	3500 - 5000	4923
<b>pH (1% sol.)</b>	5.0 ~ 7.0	6.5
<b>Hydroxypropyl Molar Substitution (MS)</b>	0.40 - 0.45	0.42
<b>Moulds and Yeasts (CFU/g)</b>	≤ 100	6
<b>Total Plate Count (CFU/g)</b>	≤ 500	8

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for a period longer than the one specified above, quality should be checked before use.

**As it is electronically generated document, hence no signature required**

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