

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**CIN: U21009KA2023PTC179006****Registered address:** L73, Attic Space, 15th Cross Road, HSR Layout,
Bangalore Urban- 560102, Karnataka, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**PRODUCT DATA SHEET**
Spray Dried Gum Acacia**1.0 Description**

This Spray Dried Gum Acacia – Seyal powder is manufactured under stringent hygiene standards of FSSC 22000 and meets the food safety criteria which allows its use in food, pharmaceuticals and nutraceutical applications.

2.0 Composition

Sr. No.	Ingredient
1	Raw Gum Acacia (Seyal)

3.0 Sensory Information

Organoleptic Parameter	Limit
Appearance	Free flowing powder
Colour	White to yellowish-white powder
Flavor and Odour	Free from off flavor and odour
Taste	Neutral

4.0 Physical & Chemical

Parameter	Limit	Method
Loss on Drying	< 10.0 %	IS 6795-2007
Colour Value (25% Solution)	4.0 -10.0	Tintometer
Total Ash	≤ 4.0 %	IS 6795-2007
Acid Insoluble Ash	≤ 0.50%	IS 6795-2007
Acid Insoluble Matter	≤ 0.10%	IS 6795-2007
pH (25% Solution)	4.0 - 5.0	pH meter
Viscosity (25% Sol ⁿ ., 20°C, 24h)	≥ 60 cps	Viscometer
Specific Optical Rotation (2% sol ⁿ .)	+35° to +60°	Polarimeter
Tannin-Bearing Gums	Absent	IS 6795-2007
Starch and Dextrin's	Absent	IS 6795-2007
Arsenic	< 2 mg/kg	ICP-MS
Lead	< 2 mg/kg	ICP-MS
Mercury	< 1 mg/kg	ICP-MS
Cadmium	< 1 mg/kg	ICP-MS
Granulometry	Min 90% <200µm	Sieve Analysis

5.0 Microbiological

Parameter	Limit	Method
Total Plate Count	< 2000 cfu/g	ISO 4833-1:2013
Yeast & Mould	<100 cfu/g	ISO 21527-2:2008
E.coli	Absent/10g	ISO 16649-2
Salmonella	Absent/25g	ISO 6579

6.0. Nutritional Information per 100 g (Typical Values)

Constituent Name	Unit	Per 100 g
Energy	kcal	367.05
Total Carbohydrates	g	88.01
Total Dietary Fibre	g	87.29
Protein	g	3.28
Total Fat	g	0.21
Sodium	mg	49.25
Calcium	mg	<1.0
Iron	mg	14.88

7.0 Suggested Application

This product can be used as:

Thickening agent for confectionery, pharmaceuticals, ceramic and electronics.

Film-forming agent: encapsulation by spray-drying of liposoluble products for food flavours and food industry.

Protective agent for colloidal solutions, oenology.

8.0 Allergen Information

Sr. No.	Allergen	Present in the material (YES/NO)
1	Cereals containing gluten (wheat, spelt, kamut, rye, barley, oats, or their hybridized strains) and products thereof.	NO
2	Crustaceans and products thereof.	NO
3	Eggs and products thereof.	NO
4	Fish and products thereof.	NO
5	Peanuts and products thereof.	NO
6	Soybeans and products thereof.	NO
7	Milk and products thereof (Including lactose)	NO
8	Nuts, and products thereof	NO
9	Mustard and products thereof.	NO
10	Sesame seeds and products thereof.	NO
11	Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/liter expressed as SO ₂ .	NO
12	Lupin and products thereof.	NO
13	Molluscs and products thereof	NO
14	Celery and products thereof	NO

9.0 GMO Information

The product is not genetically modified or engineered and it does not contain any ingredient produced from genetically modified or engineered organisms obtained through modern bio- technology.

10.0 Foreign Matter

Material is passed through sieve, magnet and metal detector.

11. Heavy Metals, Pesticides, Toxins & Residues

The product complies with the current regulation of contaminants, Toxins and Residues of Food Safety Standards Authority of India.

12.0 Packaging

Product is packed in 25 kg LDPE liner inside kraft paper bag.

13.0 Storage Condition

Store in a cool, dry, hygienic place and away from strong odour and direct sunlight.

14.0 Shelf life

Product can be kept in unopened packaging for 48 months, if stored in cool, dry, hygienic place and away from strong odour and direct sunlight.

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Date	19/02/2026	19/02/2026	19/02/2026
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*** This Document has been reviewed and approved by electronic signature.**