



Technical Data Sheet

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Soya Flour

RDM-P-22

CAS no: 68513-95-1

Principle: Soya flour is made from ground soyabean. It is a rich source of amino acids, nitrogen, carbohydrates and contain adequate amount of vitamins and minerals to stimulate the growth of microorganisms. It is used in industrial applications like, nutritional supplement in protein and food products.

Use: Recommended to use as nutritional supplements in food and food products.

Quality Control

Physical parameters

Appearance	Cream to light yellow color powder, homogeneous, free flowing, hygroscopic powder
Solubility (2%)	Soluble in distilled water
Clarity	Pale yellow color, clear solution without haziness at 2 % concentration
pH	6.0 – 8.0 at 25°C
Loss on drying	NMT 10.00 %

Chemical Parameters

Total Nitrogen	NLT 8.00 %
Amino Nitrogen	NLT 2.00 %
Ash Content	NMT 15.0% as estimated by AOAC Method.

Microbial Parameters

Total Plate Count	NMT 10000 CFU per gram.
Yeast & Molds	Absent per 10 grams
<i>Escherichia coli</i>	Absent per 10 grams
<i>Salmonella</i>	Absent per 10 grams
<i>Staphylococcus aureus</i>	Absent per 10 grams

Culture response of 2% solution: Incubation at 35±2°C for -18-24 hours.

<i>Escherichia coli</i> (ATCC 8739)	Luxuriant growth
<i>Salmonella typhimurium</i> (ATCC 14028)	Luxuriant growth
<i>Bacillus subtilis</i> (ATCC 6633)	Luxuriant growth

Storage and Shelf Life: The product is highly hygroscopic; keep the container tightly closed at all times and store it properly as per the conditions mentioned on the label. The declared expiry is valid only when stored as per the conditions mentioned on the label.

Disposal: To avoid the contamination or propagation of any hazardous microbes used, unusable or modified preparation of this product must be disposed after autoclaving or incineration after completion of task.

Disclaimer

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