

Aquagel MG-80™

FLAVONOID[™]
TECHNOLOGIES

Aquagel MG-80™

Hydrocolloid Protein

Food Systems:

Meat, Poultry, Bakery,
Confectionery, Candy,
Dairy, Cheese

Description

Aquagel MG-80™ is a multi-functional colloid protein (calcium alginate and milk protein) designed to reduce cholesterol, trans-fatty acids, and saturated-fat in food systems. The smoothness and lubricity of this novel colloid protein makes it a particularly cost-effective 1:50:50 (oil/water) fat substitute in food systems. Aquagel MG-80™ also has Halal and Kosher certification.

Specifications

Protein	> 20 %
Fat	< 0.003 %
Moisture	< 0.01 %
Purity	Fulfills the requirements of FAO/WHO, FCC, FDA USDA and Commission Directive 98/86/EC.
Appearance	White free-flowing powder almost odorless and without taste.
pH (in 1% aq. Sol.)	7.0 to 8.0
Particle size	Minimum of 98% through 120 mesh BS
Loss on drying	Maximum 15%
Arsenic	Maximum 5 mg/kg
Lead	Maximum 5 mg/kg
Heavy metals	Maximum 20 mg/kg.

Microbiology

Total count	Maximum 5,000 cfu/gram
Mold and Yeast	Maximum 500 cfu/gram
Coliforms	Negative by test
Salmonella	Negative by test

Storage Conditions

Store in cool, dry location

Applications

Recommended for health foods and fat replacement.

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