

PRODUCT DATA SHEET

AQUA BIND

AQUA BIIND, is a carrageenan-based solution for processed meat, enhancing texture, juiciness and binding for superior quality.

GENERAL INFORMATION

Product Name	AQUABIND (MBF 822)
Product Type	Semi-Refined Carrageenan
E/INS Code	E407a
EINECS Number	234-379-1

PHYSICAL AND CHEMICAL CHARACTERISTICS

Properties	Specifications
Appearance	Cream yellow, Free flowing
pH (1.5% w/w at 60°C)	8 - 10
Particle size	90% passing through 100 mesh
Viscosity (1.5% w/w at 75°C Brookfield, Spindle #2, 30 rpm)	Min. of 10 cps
KCl water gel strength (1.5% w/w at 20°C, Brookfield-TA-CT3 texture Analyser, 12.7mm Dia, TA10 probe)	<40 g/cm ²
Gel strength (1.5% + 0.2% KCl, at 20°C Brookfield-TACT3 texture Analyser, 12.7mm Dia, TA10 probe)	<10 g/cm ²
Moisture content	≤ 10%

AquAgri Processing Private Limited

Regd. Office: 284, Sultan Sadan, L-3, Westend Marg, Saidulajaib, New Delhi-110030 ☎: 00-91-11-2953-6406/07/08 Fax:011-91-2953 6400
 Factory Add: Plot No. F1 SIPCOT Industrial Complex, Manamadurai, Distt. Sivagangai – 630 606, Tamil Nadu ☎: 04574-258252/258253

MICROBIOLOGICAL CHARACTERISTICS

Microorganism	Limit
Total Plate Count	≤5000 CFU/g
Yeast and Moulds	≤ 300 CFU/g
<i>E. coli</i>	Absent
<i>Salmonella</i>	Absent
<i>Shigella. sp</i>	Absent

HEAVY METALS / CONTAMINANTS

Properties	Specification
Arsenic	<3ppm
Lead	<5ppm
Mercury	<1ppm
Cadmium	<2ppm

PACKAGING

25 kg multi-walled paper bag with polyethylene line.

STORAGE CONDITIONS AND SHELF LIFE

Store in a roofed and well-ventilated area. 2 years when stored in cool and dry place in original packaging.

CERTIFICATION AND REGULATORY INFORMATION

- FSSAI
- Kosher
- ISO 22000:2018
- Halal Certified
- US Code of Federal Regulations (21 CFR)
- DSIR Recognised
- Food Chemicals Codex
- J.E.C.F.A. Specification issued by FAO/WHO

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- FSSC
- European Economic Community Directive