

Fishmeal GB Standard - GB/T 19164-2003 for China License Registration.

Specification	Super	Grade I	Grade II	Grade III
Crude Protein %	≥65-70	≥60-64	≥55-59	≥50
Crude Fat %	≤11 red	≤12 red	≤13	≤14
	≤9 white	≤10 white		
Moisture %	≤10	≤10	≤10	≤10
Salt (Max) %	≤2	≤3	≤3	≤4
Sand (Max) %	≤1.5	≤2	≤3	
Ash (Max) %	≤16 red	≤18 red	≤20	≤23
	≤18 white	≤20 white		
L-lysine (%)	≥4.6 red	≥4.4 red	≥4.2	≥3.8
	≥3.6 white	≥3.4 white		
Pepsin Digestibility	≥90 red	≥88 red	≥ 85	
	≥88 white	≥86 white		
TVN mg/100g	≤110	≤130	≤150	
Acid Value (KOH)mg/g	≤3	≤5	≤7	
Histamine (ppm) mg/kg	≤300 red	≤500 red	≤1000 red	≤1500 red
	≤40 white			
DL-Methionine (%)	≤1.7 (red)	≤1.5 red	≤1.3	
	≤1.5 (white)	≤1.3 white		
Hygiene Standard				
Specification	Standard			
Chrome	≤ 5 mg/kg			
Mercury	≤ 0.5 mg/kg			
Cadmium	≤ 2 mg/kg			
Arsenic	≤ 10 mg/kg			
Lead	≤ 10 mg/kg			

Fluorine	≤ 500 mg/kg
Nitrite	≤15 mg/kg
Polychlorinated Biphenyl	≤ 30 µg/kg
666 (HCH, in sum of α-HCH, β -HCH, γ -HCH)	≤ 0.05 mg/kg
DDT (in sum of p, p'- DDE, o,p'-DDT, p,p' -DD, p,p'- DDT)	≤ 0.05 mg/kg
Hexachlorobenzene (HCB)	≤ 0.01 mg/kg
Total Mould Count	< 1 x 10 ⁴ cfu/g
Total Bacteria count	< 2 x 10 ⁶ cfu/g
Salmonella (cfu/25g)	Not detected
Melamine	Not detected
Remark	
Grinding (%)	96% passed 2.80 mm screen
Impurity (%)	Not content any other animal protein & fat