

Specification

Technical Data Sheet

CAS**9000-70-8****STORAGE****Ambient****MOLECULAR WEIGHT****167.1653****PRODUCT****Gelatin powdered, from porcine skin, for microbiology use (Me)****Product number** 90036787**CAS number** 9000-70-8**Molecular weight** 167.1653 g/mol**PARAMETER****SPECIFICATION****Appearance** Straw yellow powder/grains**Ash** $\leq 2\%$ **Heavy metals** $\leq 40\text{mg/kg}$ **pH** 4.5 - 6.0**Salmonella** absent/25g**Viscosity** 3.0mps**Cadmium (Cd)** $\leq 0.5\text{mg/kg}$ **Gel Strength** 180 ± 10 bloom**Granule size** 7 -70 Mesh**Hydroxyproline** $12 \pm 2 \%$ **Iron (Fe)** $\leq 30\text{mg/kg}$ **Lipids** $\leq 0.1\%$ **Moisture** $\leq 13\%$ **SULPHITE REDUCING SPORES** $\leq 10 \text{ CFU/g}$ **Total Aerobic Count** $\leq 1000 \text{ CFU/g}$ **Total Protein content** $\geq 85\%$ **Total Yeast & Mould** $\leq 100 \text{ cfu/g}$

PARAMETER	SPECIFICATION
Turbidity	≤ 50NTU
Arsenic (As)	≤ 1mg/kg
Chromium (Cr)	≤ 10mg/kg
Copper (Cu)	≤ 30mg/kg
E. Coli	absent/10g
H2O2 content	≤ 10mg/kg
Isoelectrical Point	7.0 - 9.5
Lead (Pb)	≤ 5mg/kg
Mercury (Hg)	≤ 0.15mg/kg
Sulfur dioxide	≤ 10mg/kg
Zinc (Zn)	≤ 30mg/kg

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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