

TECHNICAL DATA SHEET: INSECT MEAL

1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Crude Protein:** Min 50.0% - 60.0% (grade dependent)
- **Moisture:** Max 8.0%
- **Crude Fat:** Max 10.0% - 25.0% (depending on de-fatting process)
- **Crude Fiber (Chitin):** Max 6.0% - 9.0%
- **Ash:** Max 8.0%
- **Appearance:** Fine brownish powder with a nutty, earthy aroma.

2. SAFETY, CONTAMINANTS & LOGISTICS

- **Microbiology:** Total Plate Count < 100,000 cfu/g; Salmonella absent in 25g.
- **Contaminants:** Compliant with EU limits for mycotoxins and heavy metals in feed materials.
- **Storage:** Store in cool, dry conditions (10-15°C preferred for high-fat variants).
- **Packaging:** 20kg foil-lined bags or 500kg big bags.

3. COMPLIANCE DECLARATION

- Product is 100% derived from farm-raised insects (e.g., Black Soldier Fly or Mealworms) fed on approved vegetable substrates.
- Approved for use in aquaculture, pet food, and poultry/pig feed under EU Regulation 2021/1372.
- Naturally non-GMO and highly sustainable protein source.