



## Hemp Seed Grain

Hemp Seed Grain is harvested from the THC free Hemp plant (*Cannabis sativa*). This whole seed is used for further production of oil, protein, flour or meal.

Industrial hemp is varieties of *Cannabis sativa* that have a tetrahydrocannabinol (THC) content generally below 0.35%.

Hemp Seed Grain contains approximately 34% Carbohydrates, 31% Fat, and 23% Protein. The oil from within the grain is often touted as a 'miracle food', but the undisputed truth is that this unique oil contains more than 75 percent polyunsaturated essential fatty acids (PUFAs), featuring a composition of Essential Fatty Acids – LA (Omega 6) and ALA (Omega 3) in a 3:1 ratio, which is considered an essential part of a balanced diet. It also contains smaller amounts of Gamma Linolenic Acid (GLA), and Stearidonic Acid (SDA), which are biological metabolites of the Omega-6 and Omega-3 EFAs respectively. It also has a low proportion of saturated and trans fatty acids compared to the total fat content.

It also boasts high levels protein and dietary fibre. Its protein is composed of a healthy variety of amino acids including the 9 essential amino acids as well as both soluble and insoluble fibre.

The nutritional value of the Hemp Seed Grain make them excellent for human and animal consumption. The whole seeds can be processed further to remove the outer shell or to press them for the oil. After pressing, the remaining seed meal can be ground into a flour or protein.

### Technical Data

**Product Name:** Hemp Seed Grain

**Botanical Name:** *Cannabis sativa*

**Food Safety:** This product has been produced in accordance with HACCP principles

**Shelf life:** 12 months from production date

**Allergen Statement:** No allergens. Gluten may be present

**GM Status:** Produced in a GM free production process

**Certifications available:** HACCP and Organic. Kosher and Halal available on request

**Product Variations:**

- Hemp Seed Grain
- Hemp Seed Grain ORGANIC

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