

## Technical Datasheet: Acid Oil from Soybean Origin



### 1. Product Overview

Acid Oil from Soybean Origin is a by-product derived from the refining of soybean oil. It is primarily composed of free fatty acids, triglycerides, and other minor components. Acid oil from soybean is widely utilized in various industries, such as biofuel production, animal feed, and soap manufacturing.

### 2. Chemical and Physical Properties

Property	Typical Value
Appearance	Brown, semi-solid or liquid
Free Fatty Acid (FFA)	60-80%
Moisture Content	1-3%
Unsaponifiable Matter	2-4%
Density	0.91 - 0.93 g/cm <sup>3</sup>
Iodine Value	110 - 130 g I <sub>2</sub> /100g
Acid Value	120 - 150 mg KOH/g

### 3. Applications

Acid Oil from Soybean Origin is mainly used in the following applications:

- Biofuel production: Utilized as a feedstock for biodiesel due to its high free fatty acid content.
- Animal feed: Added to animal diets as a cost-effective source of energy and nutrients.
- Soap manufacturing: Employed as a raw material in the production of soaps, particularly for industrial uses.