

Technical Datasheet: Acid Oil from Sunflower Origin



1. Product Overview

Acid Oil from Sunflower Origin is a by-product obtained during the refining of sunflower oil. It contains a mixture of free fatty acids, triglycerides, and other components. This type of acid oil is used in several industries, particularly in biofuel production and animal feed.

2. Chemical and Physical Properties

Property	Typical Value
Appearance	Yellow to brown, semi-solid or liquid
Free Fatty Acid (FFA)	50-75%
Moisture Content	1-2%
Unsaponifiable Matter	3-5%
Density	0.89 - 0.92 g/cm ³
Iodine Value	120 - 140 g I ₂ /100g
Acid Value	130 - 160 mg KOH/g

3. Applications

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

- Biofuel production: Acts as a suitable feedstock for biodiesel production.
- Animal feed: Provides a cost-effective energy source for livestock.
- Soap manufacturing: Used in the production of industrial soaps and cleaning agents.