



# Production Method

## Energy L-24 Liquid Humic Acids

Date: July 5th 2024  
Approved by: Bernier Coto

### 1. DESCRIPTION of MANUFACTURING PROCESS

**Ingredients:** Water, Potassium Hydroxide (KOH), Raw Humalite (EnergyHume Powder).

1. Raw humalite is mined offsite at our Alberta deposit.
2. Product is dried to approximately 28%-32% moisture.
3. Add hot water (minimum of 70°C) into mixing tank.
4. Add in the designated rate of KOH.
5. Add Raw Humalite (EnergyHume Powder).
9. Perform Quality control tests at the end of the mixing period, (pH, Humic Acid Levels, dissolve rate).  
If is not at optimal level, adjust and mix the batch accordingly until correct.
10. If batch is at optimal quality control levels, screen mixture a minimum of two times and transfer to settling tanks.
11. Once product has properly settled, mixture is screened again to remove any further solids, and moved to storage tanks.
12. Product is packed in 1000L or 18.9L containers for shipping.

### 2. Process Flow Diagram

