Cleaned gum is obtained from the stems and branches of Acacia Senegal var. senegal(L) Willdenow.Heck consists mainly of salts of an acidic arabino-galactan protein complex which on hydrolysis yields galactose, arabinose, rhamnose, glucuronic acid and 4 methoxy glucuronic acid.

**Description**

Medium to small size modules and tears and broken piece of gum Arabic.

**Functional Uses**

Emulsifier, stabilizer thickening and encapsulating agent and some other general and technical application.

**Chemical Characteristics**

1. **Loss On Drying**: Not more than 15%
2. **Total Ash**: Not more than 15%
3. **Specific Rotation**: -22° to -34°
4. **Nitrogen**: 1.58 to 2.7%
5. **Protein**: Not more than 3mg/Kg
6. **Arsenic**: Not more than 3mg/KG
7. **Lead**: Not more than 10mg/KG
8. **Physical Characteristics**
   - It's highly soluble in water gives up to 50% solution and insoluble in ethanol.

**Packaging**

- Multi-layered paper bag lined with polyethylene capacity 50-25 KG

**Labelling**

- Should be clear indicates
- Product grade
- Producing Company
- Net Weight
- Production Date
- Storage Condition

**Storage**

- Preferably to be stored under clean cool and dry conditions in a properly constructed warehouse

**Shelf Life**

- Unlimited under the appropriate storage condition mention in section Storage

**Testing**

- Sampling and testing should be carried out according to SDS
  - 145 146 147 148 149 150 151 152 153 154 155 156 157
  - 158 159 and 160