

TECHNICAL SPECIFICATION



GUM ARABIC POWDER

1. Basic Information

| | |
|--------------|---|
| Product Name | Gum Arabic Powder |
| Definition | A dried gummy exudate from the stems and branches of <i>Acacia Senegal</i> (Linné) Willdenow or of other related African species of <i>Acacia</i> (Fam. Leguminosae). |
| CAS No. | 9000-01-5 |
| EINECS | 232-519-5 |

2. Specifications

| Items | Specification |
|----------------------------------|---|
| Appearance | Greyish to medium light powder |
| Solubility | Insoluble in alcohol; 1 g in 2 ml of water forms a solution which flows readily and is acid to litmus |
| Identification | Passes test |
| pH-value (25% solution in water) | 4.1 - 5.8 |
| Loss on drying (%) | Max. 15.0 |
| Total ash (%) | Max. 4.0 |
| Acid-insoluble ash (%) | Max. 0.5 |
| Insoluble matter (%) | Max. 1.0 |
| Starch and dextrin | Not detectable |
| Tannins | Not detectable |
| Arsenic (mg/kg) | Max. 3 |
| Lead (mg/kg) | Max. 2 |
| Mercury mg/kg | Max. 1 |
| Cadmium mg/kg | Max. 1 |
| Heavy metals mg/kg | Max. 40 |
| Products of hydrolysis | Mannose, Xylose and Galacturonic Acid absent |
| Salmonella spp. | Negative in 25 g |
| E. coli | Negative in 5 g |

3. Additional Information

| | |
|---|---|
| Package | 25 kg polybags with polyethylene liner (alternative package upon request) |
| Storage and shelf life | 3 years under ambient and dry conditions |
| Transport Information | Hazard Class: N/A, UN Number: N/A, Packing Group: N/A. |
| The product meets the respective purity requirements according to: 231/2012/EU E 414; FCC; USP / NF (monograph) | |