



Technical Data Sheet

Product details	
Product name	Gum Arabic (Hashab – Kordofan Type)
Type	Spray Dry, particles size 60 – 100 micron
Numbers	Harmonised System (HS): 130120 E-number: E414 Chemical Administration Service (CAS): 9000-01-5 Codex Alimentarius SIN No 414, INS No 414
Specifications	
Solubility	High soluble in water, give up to 50% solution. Insoluble in ethanol.
Composition	Natural, Organic, Polysaccharide, which on hydrolysis yield, arabinogalactan, rhamnose, glucuronic acid, galactose, a minor protein component, and 4-O- methoxy glucuronic acid.
Hydrolysis products	Passes Tests
Moisture	6 – 8 %
Total ash	less than 4%
Optical rotation	(-22) to (-34)
Viscosity	70 – 110mpsc
Ph	4.2 to 4.8
Tannin Bearing Gum	Fails test
Nitrogen content	0.24 to 0.41%
Protein content	1.58 to 2.7% (N × 6.6)
Starch and dextrin	Passes Test
Salmonella sp.	Absent/g
E.coli	Absent/g
Others	
Usage	Emulsifier. Stabilizer. Flavor fixative. Thickener and encapsulating agent and some other general and technical specification.
Storage	Dry conditions preferable
Shelf Life	Unlimited under the appropriate packing and conditions of storage.
Packing	25 Kilos plastic OR jute bags