

	<p align="center"><b>AVLAST HYDROCOLLOIDS</b>          618, G.I.D.C. Estate, Phase-4,          Vatva, Ahmedabad-382 445.  <b>Tele/Fax:</b> +91 79 2583 0618  <b>E-mail:</b> <a href="mailto:info@avlasthydrocolloids.com">info@avlasthydrocolloids.com</a>  <b>Web:</b> <a href="http://www.avlasthydrocolloids.com">www.avlasthydrocolloids.com</a></p>	<p align="center"><b>FSSC 22000,          Kosher          And          Halal          Certified</b></p>
<p><b>Quality and          Research dept.</b></p>	<p align="center"><b>SPECIFICATION OF CASSIA GUM POWDER          100 MESH</b></p>	<p align="center"><b>Modified/Issued:          01/04/2018</b></p>

1) Definition:

The gum of cassia is extracted from Cassia Tora (Cassia Obtusifolia) seed endosperm.

2) Characteristics:

2.1) Physicals and Chemicals:

<b>Appearance</b>	:	Yellow
<b>Mesh</b>	:	100 Mesh
<b>Texture</b>	:	Soluble in Hot water.
<b>Oder</b>	:	Odorless
<b>Taste</b>	:	Neutral
<b>Moisture</b>	:	12.00% Max.
<b>Protein</b>	:	07.00% Max.
<b>Ash</b>	:	01.50% Max.
<b>Gum Contain</b>	:	78.00% Min.
<b>Acid Insoluble Ash:</b>	:	00.10% Max.
<b>Chrysophanic Acid :</b>	:	Less than 2ppm.
<b>pH.</b>	:	6 to 8.0
<b><u>Viscosity</u></b>	:	5% solu. Brookfield RVT, 20 RPM @ 25 C. 50,000Cps Min.

2.2) Microbiological:

<b>Plate counts</b>	:	Less than 5000/ g.
<b>Yeast &amp; Moulds</b>	:	Less than 500/g.
<b>Salmonella</b>	:	Negative.
<b>E. coli / Coli Form</b>	:	Negative.

2.3) Heavy Metals.

<b>Lead</b>	:	Less than 0.1ppm
<b>Arsenic</b>	:	Less than 0.03ppm
<b>Heavy Metal as Pb</b>	:	Less than 10ppm
<b>Cadmium</b>	:	Less than 0.1ppm
<b>Mercury</b>	:	Less than 0.03ppm

- 3) **Package:** 25 Kg net HDPE poly woven paper bag with inside liner  
(As per customer's requirement)
  - 4) **Storage:** Keep in dry and fresh place, sheltered from light.
  - 5) **Validity:** Twelve months after production in good storage.
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