


**Technical Data Sheet (TDS)**

## Ficha Técnica

<b>Product Name</b> nombre del producto	Black chía seeds
<b>Species</b> Especie	Salvia hispanica
<b>HS code</b>	1207.99.90
<b>Ingredients</b> ingredientes	100% chía seeds, no additives
<b>Classification</b> clasificación	With help of special technical equipment sortex selected upon request
<b>Use</b> uso	- <i>Further processing by buyer</i> - Chia Seeds are mainly used in bakery products, seed mixes or packed as a single product. As final use they can be used as: an additive in food, a nutritional supplement, and/or a base for beverages.
<b>Country of origin</b> pais de origen	Paraguay
<b>Conventional/organic</b> convencional/organico	Conventional or organic
<b>Photo</b> foto	
<b>Harvest</b> cosecha	June - October



<b>Physical</b> Física	
<b>Color</b> color	Grey-till black
<b>Taste</b> sabor	Must be typical, no off-taste
<b>Smell/Flavour</b> olor	Must be typical, no off-smell
<b>Physical Appearance</b> presentación física	Small oval shaped
<b>Size</b> tamaño	1.5 to 1.8 mm
<b>Moisture</b> humedad	Max 8.0%
<b>Oil</b> aceite	35%
<b>Purity</b> puredez	Min 99,9 - 99.95 - 99,98%
<b>Admixture</b> impureza (foreign vegetable material and/or seeds, inerts -stones-)	Max 0.03%
<b>Imperfect/Immature</b> (external defects / damaged) dañados	Max 1%
<b>Insect/insect damage</b> insectos	Free from insect infestation
<b>Acidity</b> (Free Fatty Acids, FFA) acidez	Max 0.33 %
<b>Pesticides and Chemical Fertilizers</b> pesticidas y fertilizantes químicos	Less than 0.01ppm (uniform)



<b>Nutritional value per 100gr</b> Valor nutricional por 100gr	
<b>Energy/Calories</b> energia	380 Kcal
<b>Protein</b> proteína	23 g
<b>Lipids</b> lípidos	32 g
<b>Carbohydrates</b> hidratos de carbono	10 g
<b>Fibre</b> fibra	21 g
<b>Fat</b> grasa	32 g
<b>Omega 3</b> (Alpha Linolenic Acid, ALA)	21 g
<b>Heavy metals</b> (mg./Kg) metales pesados	
<b>Arsenic</b> arsénico	<0.1 ppm
<b>Cadmium</b> cadmio	<0.1 ppm
<b>Lead</b> plomo	<0.1 ppm
<b>Mercury</b> mercurio	<0.1 ppm
<b>Mycotoxins</b> (µg/kg) Micotoxinas	
<b>Aflatoxin B1</b> (AFB1)	<0.2 ppb
<b>Aflatoxin B2</b> (AFB2)	<0.2 ppb
<b>Aflatoxin G1</b> (AFG1)	<0.2 ppb
<b>Aflatoxin G2</b> (AFG2)	<0.2 ppb
<b>Ochratoxin A</b>	<0.5 ppb



<b>Microbiology Plate Count Agar (PCA, CFU/g)</b> Microbiologica recuento en placa Agar	
<b>Aerobe total plate count</b> (APC, Aerobic Mesophilic) recuento aeróbico en placa	Max 1,000 CFU/g
<b>Yeast and mould count</b> levaduras y hongos	Max 1,000 CFU/g
<b>Total Coliforms</b> Coliformes totales	Max 10 CFU/g
<b>Coliforms Fecalis</b>	Max 3 CFU/g
<b>Escherichia Coli (E.Coli)</b>	Max 10 CFU/g
<b>Staphylococcus Aureus</b>	Max 100 CFU/g
<b>Salmonella</b>	Absent in 25 g
<b>Entero bactriaceae</b>	Max 10 CFU/g
<b>Bacillus cereus</b>	Max 100 CFU/g



Other Otros	
<b>Storage condition</b> Condiciones de almacenamiento	do not need to be refrigerated, just store cool, shaded from sun (UV), dry, clean and free from infestation place. Recommended temperature 15-25° Celsius and less than 65% humidity
<b>Shelf life from production date</b> Fecha de caducidad desde fecha de producción	12-24 months plus after production unopened original packaging, under our recommended storage condition combined with common appropriate seed and grain storage conditions (e.g. dry, good hygienic practices, ventilation and periodically fumigation as necessary)
<b>Packing specifications</b> especificaciones del envase	Polypropylene raffia bags or multi-layer paper Kraft bags of 10kg/20kg/23kg-55lbs/25kg Or Big Bags of 1,000-1,300kg  25kg PP bag size -L*W*H- : 60*40*8cm and 80*54*13cm - weight 100 grs -  Bags plain, branded and/or printed with personalized information.
<b>Labeling/brand</b> etiquetado/marca	As per buyer's instruction, for example: <div> Item: <b>BLACK CHÍA SEEDS</b>  Crop: &lt;&lt;year&gt;&gt;  Lot number: &lt;&lt;xx/xx&gt;  Production Date: &lt;&lt;month, year&gt;&gt;  Expiry Date: &lt;&lt;month, year&gt;&gt;  Net weight: 25.00 Kg.  Country of Origin: Paraguay  Manufacturer: &lt;&lt;company name&gt;&gt;  Importer: &lt;&lt;company name&gt;&gt;  Importer: &lt;&lt;your address&gt;&gt;   <b>SENSITIVE TO MOISTURE!</b> </div>
<b>MOQ</b> Minimum Order Quantity - pedido mínimo	Full Container Load (FCL)  10/25kg bags floor loaded (non-palletized) in 20ft dry box with 20mt (20,000kg) or 40ft dry box with 25mt (25,000kg - upon request palletized-).  Big bags 1,000-1,300kg in 40ft dry box with 20-26mt (20,000-26,000kg).

<b>Container</b> contenedor	<p>For transport of our Chía Seeds we use 20ST dry /40ST dry /40HC dry containers.</p> <p>At arrival of empty equipment first we check if it complies with quality standard A-grade suitable for food loading (e.g. without unpleasant odors, clean, dry, free of insects and rodents, weatherproof, and so on).</p> <p>If it complies, we start to coat container with walls and floor with corrugated carton. Ceiling fitted with "container rain absorbent blanket".</p> <p>Once finished loading we cover goods with corrugated carton, place sufficient "humidity absorbent bags" and container gets fumigated (conventional Chía Seeds only).</p> 
<b>Alergenicity</b> alergenidad	Unknown
<b>Gluten</b>	Free of gluten
<b>Genetically Modified Organisms (GMO'S)</b> organismo genéticamente modificado (OGM)	Negative