

**G.A. TORRES****CARRUBINA SPECIFICATION**

Code: FC-7526

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Rev.: 05

Edition	Modification	Date
00	Initial release	03/06/14
01	Included link to web page in pesticide limits	22/09/14
02	The physico-chemical parameters are reviewed	20/01/16
03	Microbiological parameters are reviewed	06/04/16
04	Microbiological and physico-chemical parameters are reviewed	27/11/17
05	It is added "Halal Quality" according to Halal Law	25/09/20

SupplierCompanyName: G.A. TORRES S.L
 SupplierAddress,ContactInformation: CtraTurisslla s/n 46389 Turis (Valencia) Spain

ManufacturingLocation

NameofManufacturer(IfdifferentthanSupplier): G.A. TORRES S.L

FactoryAddress: Avda. Pinaeta s/n Polg. Industrial Quart de Poblet 46390 (Valencia) Spain.

GENERALINFORMATION

Product: Carob powder Name: CARRUBINA
 Grade: Feed grade Shelf life: 1 year
 Latin Name: *Ceratoniasiliqua* Conditions of Storage : In a cool dry place
Halal Quality off the floor

ANALYSES

ITEM DESCRIPTION:	SPECIFICATION	TEST METHOD
PHYSICAL PARAMETERS		
APPEARANCE	POWDER	VISUAL
COLOR	LIGHT BROWN	VISUAL
AROMA	CHARACTERISTIC OF CAROB	ORGANOLEPTIC
TASTE	CHARACTERISTIC OF CAROB	ORGANOLEPTIC
PARTICLE SIZE	MIN 80% THROUGH MESH 105 MICRON 0-1% ON MESH 500 MICRON	SIEVES
CHEMICAL PARAMETERS		
MOISTURE	6% Max	MOISTURE ANALYZER
TOTAL SUGARS	40% typical value / 35% Min (as sucrose) *	LUFF-SCHOORL
CRUDE FIBER	12% (+/-2) *	WEENDE
ASH	6%Max	CALCINATION AT 550°C
HEAVY METALS		
ARSENIC	<2 ppm	ICP-OES
LEAD (AS Pb)	<10 ppm	ICP-OES
MERCURY	< 0.1 ppm	AA – COLD VAPOR
CADMIUM	<1 ppm	ICP-OES
PESTICIDES	Compliant with Regulation 396/2005 (Updated versión in: http://ec.europa.eu/sanco_pesticides/public/?event=homepage)	
MICROBIOLOGICAL PARAMETERS		
TOTAL PLATE COUNT	NMT 50000 (cfu/g)	NF-EN ISO 4833
YEAST & MOLD	<1000 (cfu/g)	NF-V 08-059
SALMONELLA	ABSENT (cfu/ 25 g)	ISO 6579
E. COLI	< 10 (cfu/ g)	ISO 7251:2005
SUM OF AFLATOXINS	4 (Max ppb)	AOAC OFFICIAL METHOD 991.31
OTHER OPTIONAL INFORMATION		

*reference value. Being a natural product can vary from one crop to another depending on factors such as origin, climate, period of collection, etc.

Identity of Authorized Individual for Defining the Product Specifications (including Title): ANGELES MERENCIANO LABORATORY MANAGER

Issuing Date: 03/06/2014



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