






TECHNICAL SPECIFICATION	
	Dark Seedless Raisins
	
	
FLAME	THOMPSON
BLACK	CRIMSON
GENERAL CHARACTERISTICS	
Physical State	Solid without seed
Net weight	10 Kg or 30 pound
First Packing	1 high-density polietilen bag of 10 Kgs.
Final Packing	Carton Boxes of 10 Kgs each.
Capacity per 20'container	2090 Boxes
Physical State	Solid, Without seed dried Grape, Oval Shape, Soft texture, Good Odor and sweet Flavor.
Brix Grade	Not Less than 60° brix
Visual Inspection	Characteristic to the variety
Product Duration	1 YEAR
Keeping and Handling Instructions	For an adequate keeping, store raisins in a dry place (relative humidity under 55%). Temperature should not exceed 10° Celsius degree (50°F). For stacking in warehouses, we recommended on pallets with a maximum of 10 boxes
Labelling	<ul style="list-style-type: none"> • Supplier Identification Name. Origin and keeping Instructions stated on boxes. • Adhesive or ink Jet printing on boxes with the following information : <ul style="list-style-type: none"> o Customer Identification Name. o Product Identification Name. o Supplier lot Number. o Manufacture Date. o Expiration Date
Uses	Can be consumed Raw, or can be used for cook or Bakery. Also as a row material for Juices, Cereals.

INGREDIENTS ; RAISINS				
Raisins	: 99,5%	Moisture : 17 – 18% Máx.		
Vegetable Oil	: 0,5%			
SIZES	FLAME	THOMPSON	BLACK	CRIMSON
Extra Jumbo	14 UP	-	-	-
Jumbo	13 UP	12 UP	12 UP	12 UP
Medium	9 -12 mm	9 -12 mm	9 -12 mm	9 -12 mm
Midget	7 – 9 mm	7 – 9 mm	-	-

Microbiological Characteristics	
Yeasts and molds	Max. 1000 UFC/g
Escherichia coli / g	Absent
Count aerobic bacterias	Max. 1000 UFC/g
Salmonella spp/g	Negative in 25 grs.
Anaerobic sulfite	Absent
Staphylococcus aureus/g	Absent
Pseudomona aeruginosa	Absent

TECHNICAL SPECIFICATIONS			
DEFECTS	USDA GRADE A	USDA GRADE B	USDA GRADE C
	Maximum count (for 96 ounces)		
Pieces of stems	1,5	2	5
	Maximum count (for 16 ounces)		
Capstems	15	25	35
	Maximum (percentage by weight 454 grs.)		
Sugared	5	10	15
Discoloured Damaged or moldy raisins	4	6	9
Provided these limits are not exceeded :			
Damaged	2	3	7
Moldy	2	3	5
Substandard development and undeveloped	Total	Total	Total
Selected Size (Jumbo)	1	1 – ½	2
Mixed Size (Medium)	1	2	3
Small Size (midget)	2	3	5

PRODUCT FINISHED BY LASER SORTER Y X-RAY SORTER AND METAL DETECTOR

NUTRITIONAL CHART

ENERGY

Digestible components	kj: 1.182
100 g of edible portion	kcal: 278

Componentes principales de 100 g de porción comestible

Water	15,7 g	orgánic Ácid	2,3 g
Proteín	2,5 g	Fiber	5,4 g
Fat	0,6 g	Minerals	2,0 g
Carbohydrates	63,9 g		

Detailed composition of 100 g of edible portion

MINERALS

Sodium	20 mg
Potassium	780 mg
Magnesium	40 mg
Calcium	80 mg
Manganese	310 µg
Iron	2 mg
Copper	210 µg
Zinc	200 µg
Phosphorus	110 mg
Chlorine	10 mg
Iodine	2 µg
Selenium	5 µg

VITAMINS

Carotens	30 µg
Vit. B ¹	120 µg
Vit. B ²	55 µg
Nicotinamide	500 µg
Acido pantoténic	100 µg
Vit. B ₆	110 µg
fólic Acid	4 µg
Vit. C	1 mg

AMINOACIDS

Arginine	305 mg
Histidine	50 mg
Isoleucine	45 mg

Leucine 75 mg

Lisine	70 mg
Methionine	13 mg
Phenylalanine	45 mg
Treonine	55 mg
Tryptophan	5 mg
Tyrosine	10 mg
Valine	70 mg

CARBOHIDRATES

Glucose	31,2 g
Fructose	31,6 g
Saccharose	1,1 g

OTHER COMPONENTS

malic Acid	2.300 mg
Tartaric Acid	2.300 mg
Salicylic Acid	6.730 µg

CHEMICAL ANALYSIS

Heavy Metals Analysis	Results	Detection Analysis
Cadmium mg/Kg	ND	0,05
Lead mg/Kg	ND	0,2
Mercury mg/Kg	ND	0,05
Arsenic mg/Kg	ND	-

Micotoxines Analisis	Results	Detection Limit
Aflatoxine B1	ND	0,1
Aflatoxine B2	ND	0,1
Aflatoxine G1	ND	0,1
Aflatoxine G2	ND	0,1
Ocratoxine A	ND	2

PACKING



PESTICIDE ANALYSIS

GC-MS/MS Screening de residuos de pesticidas				
Ingrediente Activo	Resultado	Unidad	Limite de Cuantificación (mg/kg)	
1	Acefato	< LC	mg/kg	0,010
2	Acrinatrina	< LC	mg/kg	0,010
3	Alaclor	< LC	mg/kg	0,010
4	Aldrin	< LC	mg/kg	0,010
5	Atrazina	< LC	mg/kg	0,010
6	Azinfos etil	< LC	mg/kg	0,010
7	Azinfos metil	< LC	mg/kg	0,010
8	Azoxystrobin	< LC	mg/kg	0,010
9	Benalaxyl	< LC	mg/kg	0,010
10	Bifenazate	< LC	mg/kg	0,010
11	Bifentrina	< LC	mg/kg	0,010
12	Bitertanol	< LC	mg/kg	0,010
13	Bromacilo	< LC	mg/kg	0,010
14	Bromadiolone	< LC	mg/kg	0,010
15	Bromofos etil	< LC	mg/kg	0,010
16	Bromofos metil	< LC	mg/kg	0,010
17	Bromopropilato	< LC	mg/kg	0,010
18	Buprofezin	< LC	mg/kg	0,010
19	Cadusafos	< LC	mg/kg	0,010
20	Captan	< LC	mg/kg	0,010
21	Carbofenothion	< LC	mg/kg	0,010
22	Chinometionat	< LC	mg/kg	0,010
23	Ciromazina	< LC	mg/kg	0,010
24	Cianazina	< LC	mg/kg	0,010
25	Ciflutrina	< LC	mg/kg	0,010
26	Cihalotrina lambda	< LC	mg/kg	0,010
27	Cipermetrina	< LC	mg/kg	0,010
28	Cipermetrina alfa	< LC	mg/kg	0,010
29	Ciproconazol	< LC	mg/kg	0,010
30	Ciprodinilo	< LC	mg/kg	0,010
31	Clorfentezine	< LC	mg/kg	0,010
32	Clordano alfa (cis)	< LC	mg/kg	0,010
33	Clordano alfa (trans)	< LC	mg/kg	0,010
34	Clordecon	< LC	mg/kg	0,010
35	Clorfenapir	< LC	mg/kg	0,010
36	Clorfenvinfos	< LC	mg/kg	0,010
37	Clorobenzilato	< LC	mg/kg	0,010
38	Clorotalonil	< LC	mg/kg	0,010
39	Clorpirifos etil	< LC	mg/kg	0,010
40	Clorpirifos metil	< LC	mg/kg	0,010
41	Clorprofam	< LC	mg/kg	0,010
42	Dazomet	< LC	mg/kg	0,010
43	Ddd op	< LC	mg/kg	0,010

PESTICIDE ANALYSIS

Ingrediente Activo	Resultado	Unidad	Limite de Cuantificación (mg/kg)	
44	Ddd pp	< LC	mg/kg	0,010
45	Dde op	< LC	mg/kg	0,010
46	Dde pp	< LC	mg/kg	0,010
47	Ddt op	< LC	mg/kg	0,010
48	Ddt pp	< LC	mg/kg	0,010
49	Deltametrina	< LC	mg/kg	0,010
50	Demeton-O	< LC	mg/kg	0,010
51	Demeton-S	< LC	mg/kg	0,010
52	Diazinon	< LC	mg/kg	0,010
53	Diclofluanid	< LC	mg/kg	0,010
54	Dicloran	< LC	mg/kg	0,010
55	Dicofol	< LC	mg/kg	0,010
56	Dieldrin	< LC	mg/kg	0,010
57	Difenilamina	< LC	mg/kg	0,010
58	Difenoconazol	< LC	mg/kg	0,010
59	Dimetenamid	< LC	mg/kg	0,010
60	Dimetoato	< LC	mg/kg	0,010
51	Dimetomorf	< LC	mg/kg	0,010
62	Dimetridazol	< LC	mg/kg	0,010
63	Disulfuton	< LC	mg/kg	0,010
64	Diuron	< LC	mg/kg	0,010
65	Endosulfan α	< LC	mg/kg	0,010
66	Endosulfan β	< LC	mg/kg	0,010
67	Endosulfan sulfato	< LC	mg/kg	0,010
68	Endrin	< LC	mg/kg	0,010
69	Esfenvalerato	< LC	mg/kg	0,010
70	Etion	< LC	mg/kg	0,010
71	Etofenprox	< LC	mg/kg	0,010
72	Etoprofos	< LC	mg/kg	0,010
73	Etoxiquina	< LC	mg/kg	0,010
74	Fenamifos	< LC	mg/kg	0,010
75	Fenarimol	< LC	mg/kg	0,010
76	Fenazaquin	< LC	mg/kg	0,010
77	Fenbuconazole	< LC	mg/kg	0,010
78	Fenclorphos	< LC	mg/kg	0,010
79	Fenitrothion	< LC	mg/kg	0,010
80	Fenpropimorf	< LC	mg/kg	0,010
81	Fenpropatrina	< LC	mg/kg	0,010
82	Fenoxicarb	< LC	mg/kg	0,010
83	Fenpyroximate	< LC	mg/kg	0,010
84	Fention	< LC	mg/kg	0,010
85	Fenvalerato	< LC	mg/kg	0,010
86	Fluodioxonil	< LC	mg/kg	0,010

PESTICIDE ANALYSIS

Ingrediente Activo	Resultado	Unidad	Limite de Cuantificación (mg/kg)	
87	Flusilazol	< LC	mg/kg	0,010
88	Fluvalinato tau	< LC	mg/kg	0,010
89	Formotion	< LC	mg/kg	0,010
90	Fosalone	< LC	mg/kg	0,010
91	Fosmet	< LC	mg/kg	0,010
92	Heptacloro	< LC	mg/kg	0,010
93	Heptacloro-cis-epoxido	< LC	mg/kg	0,010
94	Heptenofos	< LC	mg/kg	0,010
95	Hexaclorobenceno (hcb)	< LC	mg/kg	0,010
96	Hexaconazol	< LC	mg/kg	0,010
97	Hexazionona	< LC	mg/kg	0,010
98	Iprodione	< LC	mg/kg	0,010
99	Kresoxim metilo	< LC	mg/kg	0,010
100	Lindano (hch beta)	< LC	mg/kg	0,010
101	Lindano (hch delta)	< LC	mg/kg	0,010
102	Lindano (hch gamma)	< LC	mg/kg	0,010
103	Malation	< LC	mg/kg	0,010
104	Metabentiazuron	< LC	mg/kg	0,010
105	Metalaxilo	< LC	mg/kg	0,010
106	Metaldehido	< LC	mg/kg	0,010
107	Metamidofos	< LC	mg/kg	0,010
108	Metamitron	< LC	mg/kg	0,010
109	Metidation	< LC	mg/kg	0,010
110	Mevinfos	< LC	mg/kg	0,010
111	Mirex	< LC	mg/kg	0,010
112	Monocrotofos	< LC	mg/kg	0,010
113	Miclobutanil	< LC	mg/kg	0,010
114	Nanopropamide	< LC	mg/kg	0,010
115	Nuarimol	< LC	mg/kg	0,010
116	Ortofenilfenol	< LC	mg/kg	0,010
117	Oxadiazon	< LC	mg/kg	0,010
118	Oxyfluorfen	< LC	mg/kg	0,010
119	Paclobutrazol	< LC	mg/kg	0,010
120	Paration etil	< LC	mg/kg	0,010
121	Paration metil	< LC	mg/kg	0,010
122	Penconazole	< LC	mg/kg	0,010
123	Pendimethalin	< LC	mg/kg	0,010
124	Permetrina	< LC	mg/kg	0,010
125	Phertano	< LC	mg/kg	0,010
126	Phosphamidon	< LC	mg/kg	0,010
127	Pirazofos	< LC	mg/kg	0,010
128	Pyrifenox	< LC	mg/kg	0,010
129	Pirimetanil	< LC	mg/kg	0,010

PESTICIDE ANALYSIS

Ingrediente Activo	Resultado	Unidad	Limite de Cuantificación (mg/kg)	
130	Pirimicarb	< LC	mg/kg	0,010
131	Pirimifos etil	< LC	mg/kg	0,010
132	Pirimifos metII	< LC	mg/kg	0,010
133	Piriproxyphen	< LC	mg/kg	0,010
134	Procloraz	< LC	mg/kg	0,010
135	Procymidona	< LC	mg/kg	0,010
136	Profenofos	< LC	mg/kg	0,010
137	Prometryn	< LC	mg/kg	0,010
138	Propargite	< LC	mg/kg	0,010
139	Propazine	< LC	mg/kg	0,010
140	Propizamida	< LC	mg/kg	0,010
141	Propiconazol	< LC	mg/kg	0,010
142	Pyridaben	< LC	mg/kg	0,010
143	Quintozene	< LC	mg/kg	0,010
144	Quinalfos	< LC	mg/kg	0,010
145	Quinoxifeno	< LC	mg/kg	0,010
146	Tebuconazol	< LC	mg/kg	0,010
147	Teflutrin	< LC	mg/kg	0,010
148	Terbacil	< LC	mg/kg	0,010
149	Terbufos	< LC	mg/kg	0,010
150	Terbutylazine	< LC	mg/kg	0,010
151	Tetraconazole	< LC	mg/kg	0,010
152	Tetradifon	< LC	mg/kg	0,010
153	Tolchlofod metil	< LC	mg/kg	0,010
154	Tolifluanid	< LC	mg/kg	0,010
155	Triadimefon	< LC	mg/kg	0,010
156	Triazofos	< LC	mg/kg	0,010
157	Trifluralin	< LC	mg/kg	0,010
158	Triflumizol	< LC	mg/kg	0,010
159	Vamadathion	< LC	mg/kg	0,010
160	Vinclozolin	< LC	mg/kg	0,010
HPLC-MS/MS Screening de residuos de pesticidas				
Ingrediente Activo	Resultado	Unidad	Limite de Cuantificación (mg/kg)	
1	2,4D	< LC	mg/kg	0,010
2	Abamectina	< LC	mg/kg	0,010
3	Acetamiprid	< LC	mg/kg	0,010
4	Aldicarb	< LC	mg/kg	0,010
5	Aldicarb sulfona	< LC	mg/kg	0,010
6	Aldicarb sulfoxida	< LC	mg/kg	0,010
7	Benomyl	< LC	mg/kg	0,010
8	Bentazona	< LC	mg/kg	0,010
9	Boscalid	< LC	mg/kg	0,010
10	arbarilo	< LC	mg/kg	0,010

PESTICIDE ANALYSIS

11	Carbendazim	< LC	mg/kg	0,010
12	Carbofuran	< LC	mg/kg	0,010
13	Clorfentezine	< LC	mg/kg	0,010
14	Clorantraniliprole	< LC	mg/kg	0,010
15	Clotianidina	< LC	mg/kg	0,010
16	Cyhexatin	< LC	mg/kg	0,010
17	Ditianon	< LC	mg/kg	0,010
18	Diflubenzuron	< LC	mg/kg	0,010
19	Diquat	< LC	mg/kg	0,010
20	Diuron	< LC	mg/kg	0,010
21	Espinosad	< LC	mg/kg	0,010
22	Espirodiclofen	< LC	mg/kg	0,010
23	Espirotetramato	< LC	mg/kg	0,010
24	Etefon	< LC	mg/kg	0,010
25	Folpet	< LC	mg/kg	0,010
26	Fenazaquim	< LC	mg/kg	0,010
27	Fenhexamid	< LC	mg/kg	0,010
28	Fenoxicarb	< LC	mg/kg	0,010
29	Formetanato	< LC	mg/kg	0,010
30	Flufenoxuron	< LC	mg/kg	0,010
31	Flutolanil	< LC	mg/kg	0,010
32	Glufosinato	< LC	mg/kg	0,010
33	Haloxifop	< LC	mg/kg	0,010
34	Hexytiazox	< LC	mg/kg	0,010
35	Imazalil	< LC	mg/kg	0,010
36	Imidacloprid	< LC	mg/kg	0,010
37	Indoxacarb	< LC	mg/kg	0,010
38	Lenacil	< LC	mg/kg	0,010
39	Lufenuron	< LC	mg/kg	0,010
40	Mandipropamid	< LC	mg/kg	0,010
41	Metaflumizona	< LC	mg/kg	0,010
42	Metamitron	< LC	mg/kg	0,010
43	Metolaclor	< LC	mg/kg	0,010
44	Metomilo	< LC	mg/kg	0,010
45	Metozaclor	< LC	mg/kg	0,010
46	Metribuzin	< LC	mg/kg	0,010
47	Metoxifenoziide	< LC	mg/kg	0,010
48	Novarulon	< LC	mg/kg	0,010
49	Oxamyl	< LC	mg/kg	0,010
50	Paraquat	< LC	mg/kg	0,010
51	Pimetrozina	< LC	mg/kg	0,010
52	Piraclostrobin	< LC	mg/kg	0,010
53	Propamocarb	< LC	mg/kg	0,010
54	Propoxur	< LC	mg/kg	0,010
55	Protioconazol	< LC	mg/kg	0,010
56	Rotenona	< LC	mg/kg	0,010
57	Simazina	< LC	mg/kg	0,010
58	Tebufenozide	< LC	mg/kg	0,010

PESTICIDE ANALYSIS

Ingrediente Activo		Resultado	Unidad	Limite de Cuantificación (mg/kg)
59	Tiabendazol	< LC	mg/kg	0,010
60	Tiacloprid	< LC	mg/kg	0,010
61	Triadimenol	< LC	mg/kg	0,010
62	Tiametoxan	< LC	mg/kg	0,010
63	Tioxclam	< LC	mg/kg	0,010
64	Tiofanato	< LC	mg/kg	0,010
65	Trifloxistrobin	< LC	mg/kg	0,010
66	Triflumuron	< LC	mg/kg	0,010