



2nd Floor, No 55, Building 17, Kalantari St, Gharani Ave,
Tehran 1584715331, Iran
Tel: (+98 21) 888 35 942 - 3, 88 490 346 -7
Fax: (+98 21) 88 82 52 78
www.hessanco.com Email: info@hessanco.com

Date:
No:
Ref:

RAW MATERIAL SPECIFICATION

PRODUCT: IRANIAN LIGHT RAISINS

COUNTRY OF ORIGIN/MANUFACTURE: IRAN

DESCRIPTION:

The material shall consist of washed Iranian sultanas, coated evenly with Vegetable oil(GMO Free), and shall be typical of the best quality of that seasons crop produced from top varieties of grapes. The product shall be treated with sulphur dioxide in an oven in a controlled manner(If Desired), washed and redried.

Appearance: Glossy, free flowing, approximately even size, pale brown to golden berries.
Flavour, Sweet fruit flavour, free from off odours and strong off flavours
Texture: Soft Mouthfeel

INGREDIENTS LIST:

PHYSICAL EXAMINATION:

Berry count/sieve	300-360/100gr (+/- 5%)
Stalks and other material of vine origin	7 max / Tonne
Capstems (projecting and compressed over 2mm)	3 per 100gr
Colour uniform/kg	80% minimum
Damaged fruit (sunburn, scars, insect mechanical etc)	1% by weight max
Sugared fruit (internal and external)	3% by weight max
Underdeveloped fruit	2% by weight max
Mineral stones	2/tonne max
Grit	Trace only (0.01% max)
Frass	Absent
Non—vine origin material	Absent
Over dark/dark brown fruit (% by number)	10% max
Visible mould, rot fermentation	Absent
Stickiness	Absent
Infestation/insects	Absent

HESSAN COMPANY LTD



2nd Floor, No 55, Building 17, Kalantari St, Gharani Ave,
Tehran 1584715331, Iran
Tel: (+98 21) 888 35 942 - 3, 88 490 346 -7
Fax: (+98 21) 88 82 52 78
www.hessanco.com Email: info@hessanco.com

Date:
No:
Ref:

CHEMICAL ANALYSIS:

Moisture	Target 14%, (12% min. 16% max) CFDA meter or air oven 101-104 ⁰ C for 5 hours
Vegetable oil	0.3% target, 0.5% max GMO free
Sulphur dioxide	Absent
FFA	1% max) on extracted oil
PV	5meq)

PRODUCT:IRANIAN LIGHT RAISINS

MICROBIOLOGICAL:

Total Viable Count	<10,000/g cfu max
Osmophilic yeasts	<1,000/g
Osmophilic moulds	<1000/g
Total yeasts and moulds	<3,000/g target, <5,000/g max
Coliforms	<10/g
E.Coli	Absent in 50g
Salmonella	Absent in 50g
Listeria	Absent in 50g
Other Pathogens	Absent

.SHELF LIFE;

12 MONTHS

OTHER CONTAMINANTS:

Insect Infestation/Damage:	Absent	
Metal (ferrous/non ferrous):	Absent	
<i>Extraneous Matter</i> .Vegetable:	<i>Target Absent</i>	
.Others:	Absent	
Musty Odours/Off Flavours:	Absent	
Pesticide Residues:	Absent	
Pesticides, Heavy Metals. Organic Solvents.) To be certified on	
Aflatoxin. Radioactivity:) commencement of season	
<u>Heavy Metals</u>	<u>Normal Maximum</u>	<u>UK Legislation/Limits</u>
<i>Lead</i>	<0.25 ppm	<1 ppm
Cadmium	<0.025 ppm	
Mercury	<0.015 ppm	
Iron	<80 ppm	
Arsenic	<0.1 ppm	<1 ppm
Copper	<0.1 ppm	<20 ppm
Aflatoxins: B1<=0.002 mg/kg		
B1, B2, G1, G2 <=0.004 mg/kg		
Organic Solvents Benzene, <30 ppm		
Toluene <i>Xylene</i>		
Halogenated Solvents	<20 ppb	
Radioactivity	<30 Bq/kg	
	(Cs 13 4/13 7)	