Date: . . . . . .
No: . . . . . .

Farzin Rock Stone Trade Co.
شرکت صخره سنگی فرزین (سهامی خاص)

(F.R.S.CO.)
Reg.No: 192560

In The Name Of God

QC Accredited Laboratory & Quality Control Department of Farzin Rock Stone Co.

SPECIFICATION

Product: Jumbo Pistachio Kalle Ghuchi - Raw

Manufacturer /Exporter: Iran Dried Fruit (Affiliated Farzin Rock Stone Company)

Product Description	Raw
available Sizes	20-22 / 22-24 / 24/26 pcs/ ounce
Packing	25 – 50 kg double layer export Bag

Physical Characteristics				Method
Shell Defects (%) (allowable tolerances by weight	extra quality Grade S	High Quality Grade 1	normal Quality Grade 2	
Closed shell and blanks	1-2	3	4 -5	Visual
Blanks	0.5-0.75	0.75	1	Visual
Adhering hull	0.5-0.75	1	1.5	Visual
Stained shell	1.2-1.5	4	5-6	ISO 665
Deformity (opened from bottom)	1.2 -2	3	5-6	ISO 660
Slightly open in-shell	7-10	18	25	ISO 660
Total shell defects	8-13	22	27	ISO 3960
Kernel Defects (%) (allowable tolerances by weight)				
Loose kernels	1.2-2	2.5	3	ISO 665
Pest damage	2.5-4	5	5	ISO 3960
Obvious pest damage	0.75-1.75	3	3	ISO 3960
Total kernel defects	2.75-4	5	6	ISO 665
Other Defects (%) (allowable tolerances by weight)				
Foreign material	0.3 -0.5	0.4	0.6	ISO 3960
Foreign material excluding shells	0.25	0.25	0.25	ISO 3960
Non-uniformity of variety	1.25-2	3	4	ISO 665
Non-uniformity of size	1-1.5	1.8	2	ISO 660

FRS Co. Quality Control Department

Prepared by:
K. Mohamadi
Chief Technical Officer

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Chemical Characteristics	Value	Method
Moisture	7 % Max	ISO 665
Free fatty acids	0.8% Max	ISO 660
Peroxide value mg/kg fit	1 Max	ISO 3960
salt	0	-
Microbiological Characteristics	**Value**	**Method**
Total viable count/g	10000 CFU	ISO 4833
Total Aflatoxin (Sampling EC directive validated HPLC method)	Max 15 ppb	Sampling EC directive validated HPLC method
E.coli/ 100gr	Negative per 100 g	ISO 7251
Salmonella/ 25 g	Negative per 25 g	SO 6579-TS 3446
Natural Characteristics	**Standards**	**Method**
Color	Cream color	Visual
Flavor	Typical pistachio flavor, no rancid or off-flavor	Visual
Texture	firm but not excessively hard	Visual
SHELF LIFE & STORAGE SPECIFICATIONS	One (1) year at dry, ambient and clean condition, away from direct heat and sunlight, 15°C.	
Roasting and Salting Conditions	-	

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