



**PURE**

**FINISHED PRODUCT SPECIFICATION**

**PRODUCT AND PROCESS DISCREPTION**

ASEPTIC WHITE GRAPES CLEAR JUICE CONCENTRATE	White grapes juice concentrate is made from fresh red grapes. The process includes washing, crushing, deshelling, pressing, get concentrate through evaporator and aseptically packed after pasteurization and cooling.
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**SENSORIAL DESCRIPTION**

Colour/Appearance/Texture	Clear, Pale yellow to golden color
Odour/Taste/Aroma	Characteristic of natural grapes, pleasant fruity aroma and a sweet grape like flavor

**PHISICAL AND CHEMICAL DESCRIPTION**

**RANGE OF VALUES**

**METHODOLOGY**

Total Soluble Solids, Brix°	65 + 1	Refractometer direct reading @ 20°C
Total Acidity (% , as malic acid)	0.6 – 1.5	0.1N NaOH titration to endpoint pH 8.3
pH value	3.1 – 4.0	pH meter direct reading at 20°C
Pesticides / agro-chemical residues	Below detectable limits	AOAC 19 <sup>th</sup> Edition (2012)
Heavy Metals	Below detectable limits	AOAC 19 <sup>th</sup> Edition (2012)

**Nutritional values (per 100g)**

**RANGE OF VALUES**

Calories	288-300 kcal
Carbohydrates	72-75 g
Sugars	70-73 g
Protein	1.0-2.0 g
Fat	0 g
Fiber	0 g
Vitamin C	2-4 mg
Potassium	100-150 mg
Calcium	10-20 mg
Iron	0-0.5 mg

**MICROBIOLOGICAL DESCRIPTION**

**RANGE OF VALUES**

**METHODOLOGY**

Total Aerobic Count	Less than 50 cfu/g	BAM, USFDA Chapter 3 (Jan, 2001)
Yeast & Moulds	Less than 10 cfu/g	BAM, USFDA Chapter 18 (Jan, 2001)
MPN Coliforms	Less than 1 / g	BAM, USFDA Chapter 4 (Sep, 2002)
MPN Faecal Coliforms	Less than 1 / g	BAM, USFDA Chapter 4 (Sep, 2002)
Salmonella / 25g	Negative	BAM, USFDA Chapter 5 (Nov, 2011)
Patulin	≤ 50 ppb	AOAC Official Method No. 974.18

**ALLERGENS**

Typically, cloudy pomegranate juice concentrate are free from Nuts, Peanuts, Milk, Celery, Crustaceans, Molluscs, Fish, Egg, Gluten, Lupine, Sesame Seeds, Soya and Mustard. Apple juice concentrate are also generally free from Sulphites at >10mg/kg

**GMOs**

The Product is free from Genetically Modified Organisms. This includes genetically modified ingredients and processing aids

**PACKAGING DESCRIPTION**

Primary (Food Contact) Packaging	Aseptic Pre-Sterilized Bags
Secondary (Outer) Packaging	Conical Steel Drum with polythene inner lining, Lids, Rings
Labelling	Afghan Red Pomegranate identifies CGJC through production date, batch number, product identity, shelf life, storage, net weight & gross weight, manufacturer's name and address and country of origin
Packaging	Aseptic bags 265 kg



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**DISTRIBUTION / STORAGE DESCRIPTION**

Distribution Conditions	Factory cold storage > Consumer
Storage Conditions	Store in a clean, dry and odourless place at -18 °C
Shelf Life Conditions	Eighteen (18) month from the date of manufacture

**INTENDED USE**

The aromatic flavor of the product makes it suitable for blending in variety of ready-to-serve beverage and health drinks. In addition, it can be used in confectionary and bakery products.

**LEGAL AND REGULATORY COMPLIANCE**

All ARP products are manufactured in accordance with the principles of Food Safety Management System.