

PRODUCT DATA SHEET



VIQUA[®] PF

Latest Revision:
1st July 2015

NUTRITION

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IDENTIFICATION

- Trade Name: VIQUA[®] PF
- Code: VIQUAPF

ADDITIONAL INFORMATION

- Common name: Pomegranate
- Plant botanical name: Punica granatum
- Used part: Whole fruit
- Ratio plant / extract: 10:1
- Extraction Ratio: Water 70% / Ethanol 30%
- Solvent residue: Ethanol < 3000 ppm

LEGISLATION / COMPOSITION

- INCI: Pomegranate (punica granatum) extract
- CAS#: 84961-57-9
- EINECS#: 284-664-0
- Japan: Registered in Japan
- HS Code: 13021980

ORGANOLEPTIC CHARACTERISTICS

- Appearance: Powder
- Colour: Light brown
- Odour: Characteristic

ACTIVE CONTENT

- Polyphenols: $\geq 40\%$ (HPLC)
- Punicalagin: $\geq 10\%$ (HPLC)

PHYSICO-CHEMICAL CHARACTERISTICS

- Protein content: $< 4\%$ (GB/T5009.5.2003)
- Loss on drying: $\leq 5\%$ (1g, 100 deg 3 hours)
- Tap Density (20 deg C): 0.5 ~ 0.8 g/ml
- Particle size: ≤ 500 Microns (92% go through 80 mesh)
- Solubility: 100% soluble (1g / 100ml in cold water)

HEAVY METALS

- Arsenic (As₂O₃): ≤ 0.50 ppm (ICP-MS)
- Cadmium (Cd): ≤ 0.20 ppm (ICP-MS)
- Copper (Cu): ≤ 2 ppm (ICP-MS)
- Lead (Pb): ≤ 1 ppm (ICP-MS)
- Mercury (Hg): ≤ 1 ppm (ICP-MS)
- Tin (Sn): ≤ 40 ppm (ICP-MS)
- Antimony (Sb): < 0.15 ppm (ICP-MS)

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MICROBIOLOGICAL CHARACTERISTICS

- **Total germs (aerobic):** ≤ 1,000 cfu/ml (UNE_EN ISO 4833)
- **Yeast & mould:** < 100 cfu/g (ISO 21527_1:08)
- **Moulds:** < 50 cfu/g (ISO 21527_1:08)
- **E. Coli:** Absence (ISO 16649)
- **Pathogens (as salmonella, staphylococcus):** Absence (ISO 6579:2002, ISO 6888)

STORAGE

- **Sample:** 25g / 50g
- **Packaging:** 25 Kg
- **Shelf life:** 2 years
- **Storage conditions:** Store preferentially the product in full containers and hermetically sealed in well-ventilated areas preferably in obscurity, at ambient temperature.

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