

Nooshineh Agro Industrial Company (P .J.S)  
 3th floor, No .1238 – North Kargar Ave – Tehran – Iran  
 Tel: (+9821) 66911306-9  
 Fax: (+9821) 66944585  
 P.O.Box :14185/718 Tehran



## Certificate of Analysis

**Producer:** Nooshineh Agro Industrial Company  
**Country:** Iran

|                                    | Sour cherry Concentrate                                |             | Pomegranate Concentrate                                |             | White grape Concentrate                                |             | Red grape Concentrate                                |             | Apple Concentrate                                |  |
|------------------------------------|--------------------------------------------------------|-------------|--------------------------------------------------------|-------------|--------------------------------------------------------|-------------|------------------------------------------------------|-------------|--------------------------------------------------|--|
| <b>Brix</b>                        | 65±1                                                   |             | 65±1                                                   |             | 65±1                                                   |             | 65±1                                                 |             | 70±1                                             |  |
| <b>PH</b>                          | 3.0-4.0                                                |             | 2.5-3.5                                                |             | 3-4.5                                                  |             | 3.0 -4.0                                             |             | 3.0-4.0                                          |  |
| <b>Acidity(gr/100gr)</b>           | 5.0-8.5 (M.A)                                          |             | 5.0-7.0 (C.A)                                          |             | 0.9-2.0 (T.A)                                          |             | 1.2 -2.3(T.A)                                        |             | 1.0-2.0 (M.A)                                    |  |
| <b>Color</b>                       | 1.4-2.0                                                |             | Min 0.6                                                |             | Min 50                                                 |             | 1-1.2                                                |             | Min 50                                           |  |
| <b>Clarity</b>                     | -                                                      |             | -                                                      |             | Min 90                                                 |             | -                                                    |             | Min 96                                           |  |
| <b>Ntu</b>                         | Max5.0                                                 |             | -                                                      |             | Max5.0                                                 |             | Max 5.0                                              |             | Max 5.0                                          |  |
| <b>Packing</b>                     | Aseptic – non Aseptic Drum                             |             | Aseptic – non Aseptic Drum                             |             | Aseptic – non Aseptic Drum                             |             | non Aseptic Drum                                     |             | Aseptic – non Aseptic Drum                       |  |
| <b>Storage condition</b>           | -18°C                                                  |             | -18°C                                                  |             | 0-5 °C                                                 |             | -18°C                                                |             | 0-5 °C                                           |  |
| <b>Shelf life</b>                  | 2 Years after production                               |             | 2 Years after production                               |             | 2 Years after production                               |             | 2 Years after production                             |             | 2 Years after production                         |  |
| <b>Appearance</b>                  | Viscous clear liquid and Sour cherry ripe fruit flavor |             | Viscous clear liquid and pomegranate ripe fruit flavor |             | Viscous clear liquid and White grape ripe fruit flavor |             | Viscous clear liquid and Red grape ripe fruit flavor |             | Viscous clear liquid and Apple ripe fruit flavor |  |
| <b>Density</b>                     | 1.32±0.01                                              |             | 1.32±0.01                                              |             | 1.32±0.01                                              |             | 1.32±0.01                                            |             | 1.35±0.01                                        |  |
| <b>Ethanol</b>                     | MAX 0.15                                               |             | MAX 0.15                                               |             | MAX 0.5                                                |             | MAX 0.5                                              |             | MAX 0.15                                         |  |
|                                    | Non Aseptic                                            | Aseptic     | Non Aseptic                                            | Aseptic     | Non Aseptic                                            | Aseptic     | Non Aseptic                                          | Non         | Aseptic                                          |  |
| <b>Mold</b>                        | <50cfu/gr                                              | <10 cfu/gr  | <50cfu/gr                                              | <10 cfu/gr  | <50cfu/gr                                              | <10 cfu/gr  | <50cfu/gr                                            | <50cfu/g    | <10 cfu/gr                                       |  |
| <b>Yeast</b>                       | <500 cfu/gr                                            | <10 cfu/gr  | <500 cfu/gr                                            | <10 cfu/gr  | <500 cfu/gr                                            | <10 cfu/gr  | <500 cfu/gr                                          | <500        | <10 cfu/gr                                       |  |
| <b>Acidophilus bacteria</b>        | <100 cfu/gr                                            | <10 cfu/gr  | <100 cfu/gr                                            | <10 cfu/gr  | <100 cfu/gr                                            | <10 cfu/gr  | <100 cfu/gr                                          | <100 cfu/gr | <10 cfu/gr                                       |  |
| <b>Total plate count</b>           | <1000 cfu/gr                                           | <100 cfu/gr | <1000 cfu/gr                                           | <100 cfu/gr | <1000 cfu/gr                                           | <100 cfu/gr | <1000 cfu/gr                                         | <1000       | <100 cfu/gr                                      |  |
| <b>Container fitting 20 and 40</b> | ***                                                    |             | ***                                                    |             | ***                                                    |             | ***                                                  |             | ***                                              |  |
| <b>Drums per pallet</b>            | 4                                                      |             | 4                                                      |             | 4                                                      |             | 4                                                    |             | 4                                                |  |
| <b>Gross wt.</b>                   | 280±5                                                  |             | 280±5<br>290±5                                         |             | 280±5                                                  |             | 280±5                                                |             | 280±5                                            |  |
| <b>Net wt.</b>                     | 265±5                                                  |             | 265±5<br>275±5                                         |             | 265±5                                                  |             | 265±5                                                |             | 265±5                                            |  |

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## Certificate of Analysis

**Producer:** Nooshineh Agro Industrial Company

| Country: Iran                      | Red Plum concentrate                            | Apricot Puree                                       | Peach Puree                                       | Saffron Peach Puree                               | Orange Concentrate                                 |
|------------------------------------|-------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| <b>Brix</b>                        | 65±1                                            | 30±1                                                | 28±1                                              | 28±1                                              | 61 -65                                             |
| <b>PH</b>                          | 2.4-3.4                                         | 3.8-4.4                                             | 3.9±0.5                                           | 3.9±0.5                                           | 3 – 3.6                                            |
| <b>Acidity(gr/100gr)</b>           | 6.1 -8.5(C.A)                                   | 1.0-1.8(C.A)                                        | 0.8-1.8(C.A)                                      | 0.9-1.3(C.A)                                      | 4.3 – 7.5 (C.A)                                    |
| <b>Color</b>                       | Min 1.2                                         |                                                     | -                                                 | -                                                 | ----                                               |
| <b>Clarity</b>                     | -                                               | -                                                   | -                                                 | -                                                 | ----                                               |
| <b>Ntu</b>                         | Max 5                                           | -                                                   | -                                                 | -                                                 | ----                                               |
| <b>Packing</b>                     | Aseptic – non Aseptic Drum                      | Aseptic Drum                                        | Aseptic Drum                                      | Aseptic Drum                                      | non Aseptic Drum                                   |
| <b>Storage condition</b>           | -18 °C                                          | 0-5°C                                               | 0-5°C                                             | 0-5°C                                             | -18°C                                              |
| <b>Shelf life</b>                  | 2 Years after production                        | 2 Years after production                            | 2 Years after production                          | 2 Years after production                          | 2 Years after production                           |
| <b>Appearance</b>                  | Viscous clear liquid and plum ripe fruit flavor | Viscous cloudy liquid and Apricot ripe fruit flavor | Viscous cloudy liquid and peach ripe fruit flavor | Viscous cloudy liquid and peach ripe fruit flavor | Viscous cloudy liquid and orange ripe fruit flavor |
| <b>Density</b>                     | 1.32±0.01                                       | 1.12±0.01                                           | 1.12±0.01                                         | 1.12±0.01                                         | 1.30 ± 0.01                                        |
| <b>Ethanol</b>                     | MAX 0.15 gr/kg                                  | Max1.5 gr/kg                                        | Max1.5 gr/kg                                      | Max1.5 gr/kg                                      | ----                                               |
|                                    | Non Aseptic                                     | Aseptic                                             | Aseptic                                           | Aseptic                                           | Non Aseptic                                        |
| <b>Mold</b>                        | <50cfu/gr                                       | <10 cfu/gr                                          | <10cfu/gr                                         | <10cfu/gr                                         | <50 cfu/gr                                         |
| <b>Yeast</b>                       | <500 cfu/gr                                     | <10 cfu/gr                                          | <10cfu/gr                                         | <10cfu/gr                                         | <500 cfu/gr                                        |
| <b>Acidophilus bacteria</b>        | <100 cfu/gr                                     | <10 cfu/gr                                          | <10cfu/gr                                         | <10cfu/gr                                         | <100 cfu/gr                                        |
| <b>Total plate count</b>           | <1000 cfu/gr                                    | <100 cfu/gr                                         | -                                                 | -                                                 | <1000 cfu/gr                                       |
| <b>Container fitting 20 and 40</b> | ***                                             | ***                                                 | ***                                               | ***<br>235±5                                      | ***                                                |
| <b>Drums per pallet</b>            | 4                                               | 4                                                   | 4                                                 | 4                                                 | 4                                                  |
| <b>Gross wt.</b>                   | 280±5<br>265±5                                  | 245±5<br>235±5                                      | 245±5<br>235±5                                    | 245±5                                             | 275±5                                              |
| <b>Net wt.</b>                     |                                                 | 230±5<br>220±5                                      | 230±5<br>220±5                                    | 230±5<br>220±5                                    | 260±5                                              |

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|                                    | Date(Decolored)<br>Concentrate                  |             | Date(Non-decolored)<br>Concentrate              |            | Apple Puree                                       | Red Plum puree                                    |
|------------------------------------|-------------------------------------------------|-------------|-------------------------------------------------|------------|---------------------------------------------------|---------------------------------------------------|
| <b>Brix</b>                        | 70±0.5                                          |             | 70±1                                            |            | 35±1                                              | 28±1                                              |
| <b>PH</b>                          | 3.9 - 4.5                                       |             | 4.1-4.3                                         |            | 3.9 - 4.3                                         | 3.1-3.5                                           |
| <b>Acidity(gr/100gr)</b>           | 0.5 - 0.8 (Ac.A)                                |             | 0.5-0.65 (Ac.A)                                 |            | 0.5-1.1(M.A)                                      | 2.5 – 3.5 (C.A)                                   |
| <b>Color</b>                       | Min 45                                          |             | -                                               |            | -                                                 | -                                                 |
| <b>Clarity</b>                     | Min 70                                          |             | Min 70                                          |            | -                                                 | -                                                 |
| <b>Ntu</b>                         | Max 20                                          |             | Max 20                                          |            | -                                                 | -                                                 |
| <b>Packing</b>                     | Aseptic – non Aseptic Drum                      |             | Aseptic - non Aseptic Drum                      |            | Aseptic Drum                                      | Aseptic Drum                                      |
| <b>Storage condition</b>           | 0-5 °C                                          |             | 0-5 °C                                          |            | 0-5°C                                             | 0-5°C                                             |
| <b>Shelf life</b>                  | 2 Years after production                        |             | 2 Years after production                        |            | 2 Years after production                          | 2 Years after production                          |
| <b>Appearance</b>                  | Viscous clear liquid and date ripe fruit flavor |             | Viscous clear liquid and date ripe fruit flavor |            | Viscous cloudy liquid and Apple ripe fruit flavor | Viscous cloudy liquid and Apple ripe fruit flavor |
| <b>Density</b>                     | 1.35±0.01                                       |             | 1.35±0.01                                       |            | 1.15±0.01                                         | 1.12±0.01                                         |
| <b>Ethanol</b>                     | ----                                            |             | ----                                            |            | ---                                               | ---                                               |
|                                    | Non Aseptic                                     | Aseptic     | Non Aseptic                                     | Aseptic    | Aseptic                                           | Aseptic                                           |
| <b>Mold</b>                        | <50cfu/gr                                       | <10 cfu/gr  | <50cfu/gr                                       | <10 cfu/gr | <10 cfu/gr                                        | <10 cfu/gr                                        |
| <b>Yeast</b>                       | <500 cfu/gr                                     | <10 cfu/gr  | <500 cfu/gr                                     | <10 cfu/gr | <10 cfu/gr                                        | <10 cfu/gr                                        |
| <b>coliform</b>                    | negative                                        | negative    | negative                                        | -          | -                                                 | -                                                 |
| <b>Total plate count</b>           | <1000 cfu/gr                                    | <100 cfu/gr | <1000cfu/gr                                     | -          | -                                                 | -                                                 |
| <b>Acidophilus bacteria</b>        | <100 cfu/gr                                     | <10 cfu/gr  | <100 cfu/gr                                     | <10 cfu/gr | <10 cfu/gr                                        | <10 cfu/gr                                        |
| <b>Container fitting 20 and 40</b> | ***                                             |             | ***                                             |            | ...                                               | ...                                               |
| <b>Drums per pallet</b>            | 4                                               |             | 4                                               |            | 4                                                 | 4                                                 |
| <b>Gross wt.</b>                   | 290±5                                           |             | 290±5                                           |            | 245±5                                             | 245±5                                             |
|                                    | 300±5                                           |             |                                                 |            | 235±5                                             | 235±5                                             |
| <b>Net wt.</b>                     | 275±5                                           |             | 275±5                                           |            | 230±5                                             | 230±5                                             |
|                                    | 285±5                                           |             |                                                 |            | 240±5                                             | 240±5                                             |