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|  <p>1, rue Jean Bodin<br/>02000 LAON<br/>Tél. : +33(0)3 23 28 49 49<br/><a href="http://www.fruitsrougesandco.com">www.fruitsrougesandco.com</a></p> | <p align="center"><b>FICHE TECHNIQUE</b><br/><b>CASSIS EGRAPPE IQF</b><br/><b>IQF BLACK CURRANT WITHOUT STALK</b></p> | <p>Réf. : 3732 – 58466 – 2105291 – 5180 – 2816 – 113651-227992<br/>Date de création : 29/11/05<br/>Version S du 06/09/2024</p> |
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#### DESCRIPTION DU PRODUIT - PRODUCT DESCRIPTION

|                            |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| Produit<br>Product         | Cassis cueilli, égrappé, lavé et surgelé individuellement<br>Blackcurrant: harvested, destalked, washed, and IQF |
| Composition<br>Composition | Cassis entier égrappé<br>Blackcurrant without stalk                                                              |
| Variété<br>Variety         | -                                                                                                                |
| Origine<br>Origin          | Pologne, Hongrie, Ukraine<br>Poland, Hungary, Ukraine                                                            |

#### CRITERES ORGANOLEPTIQUES - ORGANOLEPTIC CHARACTERISTICS

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| Aspect<br>Aspect | Fruits propres, triés à la main<br>Clean and hand sorted fruit |
| Couleur<br>Color | Bleu violacé<br>Purple blue                                    |
| Odeur<br>Smell   | Caractéristique du cassis<br>Characteristic of blackcurrant    |
| Goût<br>Taste    | Caractéristique du cassis<br>Characteristic of blackcurrant    |

#### CRITERES PHYSICO-CHIMIQUES - PHYSICO-CHEMICAL CRITERIA

|                                                                                      | <b>Tolérance - Tolerance</b>                                                                            |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Forme<br>Form                                                                        | Grains de Cassis individualisés et non couverts de givre<br>IQF blackcurrant and not covered with frost |
| Calibre<br>Caliber                                                                   | Diamètre minimal : 5 mm<br>Minimum diameter: 5mm                                                        |
| Corps étrangers végétaux<br>Vegetal foreign bodies                                   | ≤ 3 / kg                                                                                                |
| Corps étrangers exogènes<br>Exogenous foreign bodies                                 | Absence<br>None                                                                                         |
| Défauts (moisi, tâché, non mûr, desséché)<br>Defects (moldy, stained, unripe, dried) | ≤ 3% en poids / in weight                                                                               |
| Fruits éclatés<br>Burst fruits                                                       | ≤ 5% en poids / in weight                                                                               |
| Indice réfractométrique (°Brix)<br>Refractometric index (°Brix)                      | > 12                                                                                                    |
| pH                                                                                   | 2.3 – 3.3                                                                                               |

|                                                                                                                                                                                       |                                                                                                                       |                                                                                                                                |
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**VALEURS NUTRITIONNELLES - NUTRITIONAL VALUES\***

| Composants - Components                       | Composition nutritionnelle – Values (g/100 g) | Valeurs nutritionnelles à étiqueter – Values to label (g/100 g) |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------|
| Apport énergétique - Energetic contribution   | 307 kJ / 73 kcal                              | 307 kJ / 73 kcal                                                |
| Matières grasses - Fat                        | 0.500                                         | <0.5                                                            |
| Dont acides gras saturés - Of which saturates | 0.093                                         | 0                                                               |
| Glucides - Carbohydrates                      | 10.400                                        | 10                                                              |
| Dont sucres - Of wich Sugars                  | 6.600                                         | 6.6                                                             |
| Fibres alimentaires - Dietary fibers          | 7.800                                         |                                                                 |
| Protéines - Proteins                          | 0.900                                         | 0.9                                                             |
| Sel - Salt                                    | 0.008                                         | <0.01                                                           |
| Vitamine C - C Vitamin                        | 0.200                                         |                                                                 |
| Acides organiques – organic acids             | 2.630                                         |                                                                 |

\*Selon table de composition nutritionnelle CIQUAL 2013. - From CIQUAL 2013

**CRITERES MICROBIOLOGIQUES - MICROBIOLOGICAL CRITERIA \***

| Micro-organisme - Microorganism  | Norme - Standards |
|----------------------------------|-------------------|
| Flore lactique - Lactic flora    | < 100 000         |
| Entérobactéries - Enterobacteria | < 500             |
| E. coli - E. coli                | < 10              |
| Levures - Yeast                  | < 5 000           |
| Moisissures - Mold               | < 5 000           |
| Listeria - Listeria              | Absence/25g       |
| Salmonella - Salmonella          | Absence/25g       |
| S. aureus - S. aureus            | < 100             |

\*Respect de la réglementation européenne applicable en vigueur. Compliance with the European regulation

**CONDITIONNEMENT - PACKAGING**

Sachet 450g - 450g bag

|                  | Matière - Substance                                                               | Poids net – Net weight |
|------------------|-----------------------------------------------------------------------------------|------------------------|
| UV               | Sachet plastique polyéthylène transparent<br>Transparent polyethylene plastic bag | 450 g                  |
| Colis - Parcel   | Carton - Cardboard                                                                | 12 x 450 g             |
| Palette - Pallet | Type Europe – Bois – Europe type - Wood                                           | 594 kg                 |

**Palettisation – Palletization**

|                                            |     |
|--------------------------------------------|-----|
| Nombre d'UV/colis - UV/parcel              | 12  |
| Nombre de colis/couche - parcel/layers     | 10  |
| Nombre de couches/palette - layers/pallets | 11  |
| Nombre de colis/palette - parcel/pallets   | 110 |

|                                                                                                                                                                                       |                                                                                                                       |                                                                                                                                |
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Sachet 1 kg – 1kg bag

|                  | <b>Matière - Substance</b>                                | <b>Poids net – Net weight</b> |
|------------------|-----------------------------------------------------------|-------------------------------|
| UV               | Sachet plastique polyéthylène<br>Polyethylene plastic bag | 1 kg                          |
| Colis - Parcel   | Carton - Cardboard                                        | 5 x1 kg                       |
| Palette - Pallet | Type Europe – Bois – Europe type - Wood                   | 585 kg                        |

#### Palettisation - Palletization

|                                            |     |
|--------------------------------------------|-----|
| Nombre d'UV/colis - UV/parcel              | 5   |
| Nombre de colis/couche - parcel/layers     | 9   |
| Nombre de couches/palette - layers/pallets | 13  |
| Nombre de colis/palette - parcel/pallets   | 117 |

Vrac 10kg - 10kg bulk

|                  | <b>Matière - Substance</b>                                          | <b>Poids net – Net weight</b> |
|------------------|---------------------------------------------------------------------|-------------------------------|
| UV               | Sachet plastique polyéthylène bleu<br>Blue polyethylene plastic bag | 10 kg                         |
| Colis - Parcel   | Carton - Cardboard                                                  |                               |
| Palette - Pallet | Type Europe – Bois – Europe type - Wood                             | 630 kg                        |

#### Palettisation - Palletization

|                                            |    |
|--------------------------------------------|----|
| Nombre d'UV/colis - UV/parcel              | 1  |
| Nombre de colis/couche - parcel/layers     | 9  |
| Nombre de couches/palette - layers/pallets | 7  |
| Nombre de colis/palette - parcel/pallets   | 63 |

Vrac 25kg - 25kg bulk

|                  | <b>Matière - Substance</b>                                                                       | <b>Poids net – Net weight</b> |
|------------------|--------------------------------------------------------------------------------------------------|-------------------------------|
| UV               | Sache plastique polyéthylène dans sac en papier kraft<br>Polyethylene plastic in kraft paper bag | 25 kg                         |
| Colis - Parcel   | -                                                                                                |                               |
| Palette - Pallet | Type Europe – Bois – Europe type - Wood                                                          | 750 kg                        |

#### Palettisation - Palletization

|                                            |    |
|--------------------------------------------|----|
| Nombre d'UV/colis - UV/parcel              | 1  |
| Nombre de colis/couche - parcel/layers     | 10 |
| Nombre de couches/palette - layers/pallets | 3  |
| Nombre de colis/palette - parcel/pallets   | 30 |

#### ETIQUETAGE - LABELLING

|                                                                                                               |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Nom du produit<br/>Product name</li> <li>Origine<br/>Origin</li> </ul> | <ul style="list-style-type: none"> <li>D.L.U.O.<br/>B.B.D.</li> <li>N° de traçabilité<br/>Traceability number</li> </ul> |
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|                                                                            |                                                                                                                                                                   |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Poids net<br/>Net weight</li> </ul> | <ul style="list-style-type: none"> <li>Conditions de conservation<br/>Storage conditions</li> <li>Identification de la société<br/>Name of the company</li> </ul> |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

STOCKAGE et CONSERVATION - STORAGE

|                                                        |                                                                     |
|--------------------------------------------------------|---------------------------------------------------------------------|
| Température de conservation<br>Storage temperature     | < -18°C                                                             |
| DLUO<br>Shelf life                                     | 24 mois<br>24 months                                                |
| DLC après décongélation<br>Shelf life after defreezing | 3 jours au froid positif (+4°C)<br>3 days under positive cold (4°C) |

AUTRES CARACTERISTIQUES - OTHER CARACTRERISCTICS

|                              |                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| OGM<br>GMO                   | Exempt<br>None                                                                                                           |
| Additifs<br>Additives        | Exempt<br>None                                                                                                           |
| Ionisation<br>Ionisation     | Aucune<br>None                                                                                                           |
| Contaminants<br>Contaminants | Selon la réglementation européenne applicable en vigueur<br>Compliance with the applicable European regulation in effect |