

### IDENTIFICATION

|              |   |
|--------------|---|
| Designation  | Rape seed meal feed<br>Feed Ingredient                        |
| Manufacturer | VALTRIS CHAMPLOR<br>ZI de Baleycourt<br>55100 VERDUN – FRANCE |

### GENERAL INFORMATION

|   |   |
|---|---|
| Certification                             | Rape seed meal feed GMP+ FSA assured<br>Code 2.278 in the GMP Product List<br><br><i>To specify in the contract</i>   |
| Composition and technical characteristics | Rape seed meal is a product of rapeseed oil manufacture, obtained by extraction of rape seeds. Only conventional rape from European Union is crushed. Rape meal is in solid form as flour, grains. Without addition of conservative.<br>Rape seed meal is: <ul style="list-style-type: none"> <li>Well-balanced in digestible amino acids (lysine, methionine) with an overall protein rate of around 32% on crude product.</li> <li>Rich in minerals (phosphorus, calcium) with an overall rate of around 7%.</li> </ul> It contains approximatively:<br>12% water, 12% cellulose, 32% sugars, lignin and others, with a residual fat content of around 3%.<br>It may contain up to 1% of filter aids and crude lecithin from crushing and refining plants of Baleycourt site. |
| Packing and transportation                | Rape seed meal is delivered in bulk and collected by customers.   |

| Criteria               | Units | Limits      |         |   |
|------------------------|-------|-------------|---------|---|
| Proteins and Crude Fat | %     | Basis 34-35 |         | Regulation (EU) n°68/2013 and its subsequent amendments |
| Water content          | %     | Basis 11.5  | ≤ 12.5* | Number: 2.14.7  |

(\* ) According to FEDIOL ref 11TRA096

### REGULATORY REQUIREMENTS

|                                     |   |               |  |
|-------------------------------------|---|---------------|--|
| <b>GMO Status</b>                   | Rape seed meal is produced from conventional crops and is not subject to labelling according to regulations (EC) 1829/2003 and 1830/2003. |               |  |
| <b>CONTAMINANTS CHIMIQUES</b>       | <b>Units</b>  | <b>Limits</b> | Regulation (EC) N° 2002/32 and its subsequent amendments |
| <b>Metals</b>                       |   |               |  |
| Mercury                             | mg/kg   | ≤ 0.1         |  |
| Lead                                | mg/kg   | ≤ 10          |  |
| Arsenic                             | mg/kg   | ≤ 2           |  |
| Cadmium                             | mg/kg   | ≤ 1           |  |
| <b>Pesticides residues</b>          |   |               |  |
| Organochloride                      | mg/kg   | < LMR         |  |
| Organophosphorus                    | mg/kg   | < LMR         |  |
| <b>Dioxins and PCBs</b>             |   |               |  |
| Sum of dioxins (OMS-PCDD/ F-TEQ)    | ng/kg   | ≤ 0.75        |  |
| Dioxin-like PCB-TEQ                 | ng/kg   | ≤ 0.35        |  |
| Sum of dioxins and dioxin-like PCBs | ng/kg   | ≤ 1.25        |  |
| Sum of 6 PCB                        | µg/kg   | ≤ 10          |  |

### MICROBIOLOGY

|            | Units       | Limits  |           |
|------------|-------------|---------|-----------|
| Salmonella | Absence/25g | Absence | GMP+ BA 1 |

### PRESERVATION

|                                   |  |
|-----------------------------------|--|
| <b>Shelf life</b>                 | 2 months   |
| <b>Special storage conditions</b> | It shall be verified that rape meal has been transported in good conditions under shelter from the weather.<br>Rape meal must be stored in a dry location, on a concrete floor to avoid rising damp and moisture sources leading to condensation.<br>Rape meal must be protected against pests, birds and rodents.<br>Refer to MSDS. |