

Quality specification Crude UCO_RS oil

Performed analysis of UCO oil at the place of delivery, shall be in accordance with the quality specification:

1. non-GMO, vegetable origin.
2. The heavy metals content shall not exceed allowable limits.

| Property | Unit | Min | Max | Test-Method |
|--|------------------------|------|------|-----------------------|
| Acid value | mg KOH/kg | - | 10,0 | LVS EN ISO 660:2009 |
| Free fatty acids (FFA-content) | % | - | 5 | ISO660:2000 |
| Iodine value | g I ₂ /100g | 105 | 114 | LVS EN ISO 14111:2005 |
| Insoluble impurities | % | - | 0,2 | LVS EN ISO 663 |
| Water content | % | - | 0,1 | LVS NE ISO 12937 |
| Lecithin (calculated as phosphorous) | ppm | - | 500 | ISO 10540-3:2002 |
| Lecithin (calculated as srearoleolecithin) | % | - | 1,3 | ISO 10540-3:2002 |
| Sulphur content | ppm | - | 30 | LVS EN ISO 20846 |
| Saponification value | mg KOH/kg | | 195 | LVS EN ISO 3657 |
| Unsaponifiables | % | | 1,0 | LVS EN ISO 3596 |
| *Sum of saturated fatty acids | % | | 8,0 | LVS EN ISO 12966 |
| *C18:1/C18:2* | % | 3,0 | | LVS EN ISO 12966 |
| *C18:1/C16:0* | % | 13,0 | | LVS EN ISO 12966 |
| Erucic fatty acid C 22:1 | % | - | 2,0 | LVS EN ISO 12966 |

*Saturate fatty acid: max 8pc m/m (gram of component per 100g sample). Crude UCO oil composition in which the C18:1/C18:2 ratio is 3 or above and C18:1/C16:0 ratio is 13 or above.