BIOVENTA

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 srearooleolecithin)	%	-	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.