



CISS Group PTE. LTD.

10, Anson Road, #29-05 A, International Plaza, Singapore, 079903.

e-mail: inspection@ciiss-group.com

Page 1/1

CERTIFICATE No.: UA01319/1

ORIGINAL

STEROLS' CONTENT CERTIFICATE

In pursuance of an order received from our principal, requesting us to carry out inspection we hereby confirm as follows:

Description of goods:	UKRAINIAN CRUDE SUNFLOWER OIL IN BULK
Vessel:	MT SELIN D
Quantity:	2008,600 MT
B/L No. & Date:	NO.1 DD 05.08.2022
Shipper:	LLC "VERTES" 04123, UKRAINE, KYIV, STR. MEZHOVA, BLDG.23 ON BEHALF OF AGRO TRADE GLOBAL FZC
Consignee:	"TAMPIERI SPA – VIA GRANAROLO N. 177/3 – 48018 FAENZA RAVENNA - ITALY"
Notify address:	TAMPIERI SPA – VIA GRANAROLO N. 177/3 – 48018 FAENZA RAVENNA - ITALY"
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	RAVENNA, ITALY
Vessel Tanks Nos.:	1P, 2P, 3P, 4P, 5P, 6P, 1S, 2S, 3S, 4S, 5S, 6S AND SC

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P, 2P, 3P, 4P, 5P, 6P, 1S, 2S, 3S, 4S, 5S, 6S AND SC MT SELIN D and sealed from vessel's tanks after competition of loading according to FOSFA CONTRACT No.54. One vessel's sample were submitted for analysis to FOSFA approved chemical laboratory. The following results of analysis have been obtained:

Parameter	Method	Result	LOQ
Total sterols content, mg/kg (ppm)	ISO 12228-1	3389	0.05 ppm
Cholesterol, %	ISO 12228-1	0.1	0.05 %
Cholestanol, %	ISO 12228-1	< 0.05*	0.05 %
Brassicasterol, %	ISO 12228-1	< 0.05*	0.05 %
24-Methylene cholesterol, %	ISO 12228-1	< 0.05*	0.05 %
Campesterol, %	ISO 12228-1	8.8	0.05 %
Campestanol, %	ISO 12228-1	< 0.05*	0.05 %
Stigmasterol, %	ISO 12228-1	9.4	0.05 %
Δ^7 -Campesterol, %	ISO 12228-1	3.7	0.05 %
$\Delta^5,23$ -Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Clerosterol, %	ISO 12228-1	< 0.05*	0.05 %
β -Sitosterol, %	ISO 12228-1	57.3	0.05 %
Sitostanol, %	ISO 12228-1	< 0.05*	0.05 %
Δ^5 -Avenasterol, %	ISO 12228-1	3.7	0.05 %
$\Delta^5,24$ -Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Δ^7 -Stigmastanol, %	ISO 12228-1	12.3	0.05 %
Δ^7 -Avenasterol, %	ISO 12228-1	4.7	0.05 %

*-No analyte at a content above the limit of Quantification was detected

LOQ (Limit of quantification) - is the lowest amount or concentration of analyte in a sample, which can be reliably quantified with an acceptable level of precision and accuracy.

DATED: 9th of AUGUST, 2022

**For and on behalf of CISS GROUP Ukraine LLC
Registered Superintendent and Surveyor Member of FOSFA**

