

CISS Group PTE. LTD.

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Page 1/1

CERTIFICATE No.: SGD00822

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:	M/T «TORC»
Quantity:	8100,000 MT
B/L No. & Date:	NO.1 DD 28.11.2022
Shipper:	SUNOLTA OU HARJU MAAKOND, TALLINN, KESKLINNA LINNAOSA, JOE TN 4C, 10151, ESTONIA REGISTRATION NUMBER: 14785565
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:	ODESSA, UKRAINE
Port of discharge:	RAVENNA, ITALY
Vessel Tanks Nos.:	2P/S, 3P/S, 4P/S AND 5P/S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 2P/S, 3P/S, 4P/S AND 5P/S M/T «TORC» and sealed from vessel's tanks after completion 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	3304	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	9.1	0.05 %
Campestanol, %	ISO 12228-1	< 0.05*	0.05 %
Stigmasterol, %	ISO 12228-1	9.3	0.05 %
Δ^7 -Campesterol, %	ISO 12228-1	3.2	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	61.1	0.05 %
Sitostanol, %	ISO 12228-1	< 0.05*	0.05 %
Δ^5 -Avenasterol, %	ISO 12228-1	3.3	0.05 %
$\Delta^5,24$ -Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Δ^7 -Stigmastanol, %	ISO 12228-1	10.3	0.05 %
Δ^7 -Avenasterol, %	ISO 12228-1	3.6	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.

This certificate is electronically signed and stamped.

DATED: 2nd DECEMBER, 2022

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

