



**Commodities International  
Shipping and Survey**



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**CISS GROUP UKRAINE LLC**  
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Lymanka village, Odessa region, 65037  
Inspection@ciiss-group.com

**CERTIFICATE No.: UA01533**

**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 BANDIRMA
Quantity:	6594,950 MT
B/L No. & Date:	NO.1 DD 24.04.2023
Shipper:	«IZMAILSKA TORGOVA COMPANIA» LLC Ukraine, Odesa region, Izmail, Aerodromne shosse, 2 zh ON BEHALF OF «BSS GROUP» LTD TAMPIERI SPA – VIA GRANAROLO N. 177/3 – 48018 FAENZA RAVENNA – ITALY
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, 7P, 1S, 2S, 3S, 4S, 5S, 6S, 7S

### **RESULTS OF QUALITY INSPECTION**

Representative samples of the oil have been drawn from each ship's tank 1P, 2P, 3P, 4P, 5P, 6P, 7P, 1S, 2S, 3S, 4S, 5S, 6S, 7S of MT BANDIRMA 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	3387	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 %
Δ7-Campesterol, %	ISO 12228-1	3.7	0.05 %
Δ5,23-Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Clerosterol, %	ISO 12228-1	< 0.05*	0.05 %
β-Sitosterol, %	ISO 12228-1	57.2	0.05 %
Sitostanol, %	ISO 12228-1	< 0.05*	0.05 %
Δ5-Avenasterol, %	ISO 12228-1	3.8	0.05 %
Δ5,24-Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Δ7-Stigmastanol, %	ISO 12228-1	12.3	0.05 %
Δ7-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.

**This certificate is electronically signed and stamped.**

**DATED: 27th of APRIL, 2023**

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

