



Industry form No. ZPP-47
Approved by order of the RGIS No. 29,

Reverse side of ZPP-47 form

Organization **Grainrus Agro, LLC**

GRAIN ANALYSIS SHEET No. 2501

Dated April 15, 2022

Kind of grain **sunflower** Harvest **2021**

Sample taken by **Mitrokhina Yu. I.**
(surname, initials)

Sample taken in accordance with GOST **GOST 29142-91**

Date of sampling **15.04.2022**

Sampling site _____ Sample weight **2000** g

Departure station (port, pier) **dept. Otreshkovo**

Forwarder **Grainrus Agro, LLC**

Certificate number (certificate of quality) _____

Number of wagon/ car; vessel name (barge) _____

Number and date of the bill of lading _____ Batch weight _____ kg

Number of places (or in bulk) **in bulk**

Destination station (port, pier) _____

Consignee _____

The sample was taken for quality control for compliance with the requirements of GOST (TS), and the terms of the of purchase and sale/ contract, by indicators: **GOST 22391-2015**

Type of sample package _____

Condition **normal** Colour **proper** Odour **Peculiar to the grain**

Uniformity **Uniformity**

Pest infestation: **not detected**

Condition of the wagon/ car/ vessel (barge)/ container _____

Sample taken by **quality manager** **Mitrokhina Yu. I.**
(position, signature, transcript of signature)

GRAIN ANALYSIS

Kind of grain **sunflower** GOST **22391-2015** Sort **-**

Origin **Kursk Region** Type **-** Subtype _____ Class **-**

grain-unit **-** g/L FN _____ Humidity **7,00%**

Colour **Proper for this grain** Odour **Proper to healthy grain**

Content of fine grains **-** % Content of large grains **-**

Total vitreousness **-** Protein content (in act. humid.) **-** %

Viability **-**

Crude gluten **-** % FDM **-**

Sample weight for determination of weed and grain impurities **100** g Group _____

Weed impurities, total **3,0** % including:

organic impurities **3,00** g **3,0** % harmful admixture _____ g

_____ g _____ % a) ergot _____ g

_____ g _____ % b) smut _____ g

_____ g _____ % _____ g

_____ g _____ % _____ g

_____ g _____ % _____ g

Oilseed impurity, total **7,00%** including:

_____ g _____ % _____ g

_____ g _____ % _____ g

_____ g _____ % _____ g

_____ g _____ % _____ g

_____ g _____ % _____ g

_____ g _____ % _____ g

Grains of cultivated plants classified, according to GOST, as the main grains _____

Firmness, % _____

Pest infestation, (TCD) ex/kg **not detected**

Germination energy, % _____

Varietal purity, % _____

Special notes **Oil content 48%** **Oil acid value, 1.0 mg mg of potassium hydroxide**

Analysis completed **quality manager** **Mitrokhina Yu. I.**
(position, signature, transcript of signature)