



**MINISTRY OF ENERGY OF UKRAINE**  
**UKRAINIAN INSPECTION FOR QUALITY CONTROL OF PEAT PRODUCTS**  
**AND FUEL BRIQUETTES "UKRINSPALYVO"**

Legal address: 19700, Cherkasy region, Zolotonosha city, Torfyana street, building 6  
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**PROTOCOL OF TESTS No. 203-10/23 (EN).**

from October 03, 2023.

**Producer: " AGRI TRADE " Limited Liability Company** Address: Ukraine, 21050, Vinnytsia region,  
Vinnytsia district, Vinnytsia city, Teatralna street, building 20, office 305.

**Production:** Fuel pellets from straw for communal and household needs.

**Producer fuel: " AGRI TRADE " Limited Liability Company** Address: Ukraine, 21050, Vinnytsia  
region, Vinnytsia district, Vinnytsia city, Teatralna street, building 20, office 305.

No n/p	Name of indicators	received Indicators
1.	Mass fraction of moisture, (Wp) %	5,9
2.	Ashiness, (Ad) %	4,4
3.	The heat of combustion is lower, MJ/kg	17,490
4.	The heat of combustion is lower Kcal/kg	4177,5
5.	The heat of combustion is higher MJ/kg	18,719
6.	The heat of combustion is higher Kcal/kg	4471,0
7.	Mechanical strength, %	90
8.	Sulfur content, (S),%	0,02
9.	Bulk density, (kg/m <sup>3</sup> ),	630
10.	Melting point of ash, °C	1180
11.	Yield of volatile substances, Vdaf,%	10,7
12.	Pellet diameter, Ømm	6-8
13.	Pellet length, mm	15-20
14..	Pollution with radionuclides	not found

**Additional information:** Laboratory certification No. RY 0062/22 issued on December 19, 2022. State enterprise  
"Cherkassy scientific and industrial center of standardization, metrology and certification".

Director of the conformity  
assessment body



 K.M. Mykytas

The test protocol is the property of the manufacturer of fuel products and can be used as needed