

NATIONAL UNIVERSITY OF LIFE AND  
ENVIRONMENTAL SCIENCES OF UKRAINE  
UKRAINIAN LABORATORY OF QUALITY AND  
SAFETY OF AGRICULTURAL PRODUCTS

Location: Mashinobudivnykiv str., 7, Chabany village, Kievo-Svyatoshinskiy district, 08162, Ukraine.  
Legal address: Heroyiv Oborony str., 15, Kyiv, 03041, Ukraine. Tel./fax: +38(044) 5264502, 5264503  
E-mail: info@quality.ua http://www.quality.ua/



2H724  
ДСТУ ISO/IEC 17025

TEST REPORT №  
WORK ORDER №  
ISSUE DATE TR  
DATE OF SAMPLES RECEIVED:  
DATE OF TESTING:

0359-H
6603
23.03.18
22.02.18
22.02-21.03.18

**NAME AND ADDRESS OF THE CLIENT:**

Privat person: Onyshchuk Pavlo

**DESCRIPTION OF THE TESTED OBJECTS AND THEIR IDENTIFICATION:**

The marked information about sample is indicated according to supporting documentation and marking.  
Sample is taking and delivered by Customer in hermetically sealed container.

**6603/1 Humic fertilizer "HUMICAGRO"**

Manufacturer: HUMICAGROPOL Sp.zo.o., Poland. Amount of sample provided for testing: 1,0 L.

**SUPPORTING DOCUMENTS:**

Application letter № 1 on 21.02.2018, which is registered in ULQSAP as № 6603 on 22.02.2018

Sampling report is not provided.

**TEST RESULTS**

Registration code of the sample: 6603/1

Determination of quality indicators of humic fertilizers:

<sup>(1)</sup> Names of substances, unit of measurement	Test results	Method error	
pH	10,6	±0,30	
Organic matter,% on dry matter	46,5	±1,80	
Moisture, %	82,4	8,24	
Dry matter, %	17,6	±1,76	
Ash, %	28,9	±0,50	
The total yield of humic acids (Ct)	% on natural moisture	14,5	±1,45
	% on dry matter	82,5	±12,38
Free humic acid (Cha)	% on natural moisture	7,7	±0,77
	% on dry matter	43,7	±6,56
Fulvic acids (Cfa)	% on natural moisture	6,8	±0,68
	% on dry matter	38,8	±5,82

**TEST METHODS:**

Determination of pH – ДСТУ 7882:2015 Торф і продукти його перероблення для сільського господарства. Методи визначення обмінної й активної кислотності (Peat and products of its processing for agriculture. Methods of determination of exchange and active acidity).

Determination of moisture content and dry matter – ДСТУ ISO/TR 11465-2001 Якість ґрунту. Визначення сухої речовини та вологості за масою. Гравіметричний метод (Soil quality. Determination of dry matter and water content on a mass basis gravimetric method).

Determination of ash content - ДСТУ 7942:2015 Якість ґрунту. Визначення зольності торфу і торфового ґрунту (Soil quality. Determination of ash in peat and peat soil).

Determination of humic and fulvic acids – ДСТУ 7083:2009 Добрива органічні та органо-мінеральні. Методи визначення гумінових кислот (Manure and organic-minerals fertilizers. Methods of humus acids determination) та РМ.СМД.5.4-06 Визначення гумінових та фульвокислот у торфах, органічних і органо-мінеральних добривах (Internal method: Determination of humic and fulvic acids in peat, organic and organo-mineral fertilizers).

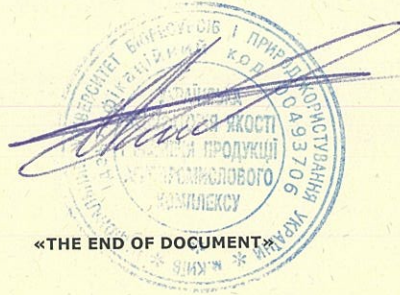


**Notes:**

1. The results are related only to the items tested.
2. Test report is not allowed to be reprinted fully or partially without any permission of Ukrainian Laboratory of Quality and Safety of Agricultural Products.
3. Without original stamp and signature of Director ULQSAP AIC test result are not valid.

<sup>1</sup> Ct- Carbon of the total humic acids  
Cha - Carbon of free humic acid  
Cfa - Carbon of fulvic acids

**DIRECTOR ULQSAP**



**V. USHKALOV**

«THE END OF DOCUMENT»

**03-B/2000/17/UA**