



NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE

UKRAINIAN LABORATORY OF QUALITY AND SAFETY OF AGRICULTURAL PRODUCTS

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(National Accreditation Agency of Ukraine)
IN COMPLIANCE WITH THE REQUIREMENTS
OF ДСТУ ISO 17025:2006
ACCREDITATION CERTIFICATE № 2H724
OF 27 JULY 2015



TEST REPORT № 0803-N
«02» July 2016

Customer: "Energy Investment Company", LLC

Customer Address: 28-b Yaroslavska St., 04071, Kyiv, Ukraine

Tested objects and registration codes:

3579/1 – Organic fertilizer "Leonardite". The date of manufacture: 15.06.2016. A shelf life: 15.06.2017. Product name corresponds to the sampling report (sample labels). Amount of sample provided for testing: 1,1 kg.

Application letter: №1297-1 on 16.06.2016, which is registered in ULQSAP as № 3579 of 16.06.2016.

Sampling report: № 1 on 15.06.2016 which is registered in ULQSAP as № 3579/1 of 16.06.2016 The location of sampling: storage №1, village Lysycha Balka, Katerynopil district, Cherkasy oblast. Sample is taken of batch №1 and delivered by the representative of Customer in the unsealed plastics packing.

Dates of performance of the test: 16.06– 02.07.2016

Date of receipt samples: 16.06.2016

TEST RESULTS

Determination of quality indicators:

Registration code of the sample: 3579/1

| Names of substances, units of measurement | Test results | The error of method |
|--|---------------------|----------------------------|
| The total efficiency of Humic acids (¹ CTHAs), % | 71,9 | ±10,79 |
| Free Humic acids (² CFHAs), % | 44,5 | ±6,68 |
| Fulvic acids (³ CFAs), % | 27,4 | ±4,11 |

TEST METHODS:

Determination of humic acids and fulvic acid - ДСТУ 7083:2009 Добрива органічні та органіно-мінеральні. Методи визначення гумінових кислот (Manure and organic-minerals fertilizers. Methods of humic acids determination).

Notes:

1. Test report concerns only to samples submitted for testing / The results relate 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/ The test report shall not be reproduced except in full, without written approval of Ukrainian laboratory of quality and safety of agricultural products.
3. Without original stamp and signature of Director ULQSAP AIC test results are not valid.

¹CTHAs – Carbon of Total Humic acids.
²CFHAs – Carbon of Free Humic acids.
³CFAs – Carbon of Fulvic acids.

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