

Puławy, 26.11.2021

CAVITA GROUP Sp. z o.o.
1/101 Krawiecka street,
50-148 Wrocław

NŻN.501.533.2021.JT

Expert opinion of the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy on the suitability of the fertiliser for use in field crops cultivation,

1. Name of the fertiliser: CAVITA BIOCOMPLEX

Type of fertiliser: organic

Type: The fertiliser is manufactured by ultrasonic cavitation of peat-water mixture

Form: black-brown liquid, characteristic peat smell

2. Quality requirements

Specification	Value declared by the manufacturer	Test results	Minimum value acc. to Journal of Laws 08.119.765
Nitrogen total (N) [%]	at least 0.08	0.19	0.08
Iron (Fe) [mg/kg]	at least 70	93	-
Organic matter [% dry mass]	at least 90	98.2	-
Organic carbon (C) [%]	-	5.4	-
Dry mass [%]	-	10.3	-
Density [g/cm ³]	-	1.04	-

3. Assessment of the suitability of the fertiliser for use in agriculture

The fertiliser CAVITA BIOCOMPLEX contains organic substances extracted from peat as well as nitrogen and iron. The fertiliser does not contain unknown substances or substances which are not used for fertilisation. Pursuant to § 2 par. 4 point 2 of the Regulation of the Minister of Agriculture and Rural Development of 18 June 2008 on implementation of certain provisions

of the Act on fertilisers and fertilisation (Journal of Laws No. 119, item 765, with amendments) agricultural testing of the fertiliser were not required.

Based on the analysis results of the chemical composition of the fertiliser it is concluded that its application improves soil fertility, increases its biological activity and contributes to an increase in crop yield. The fertilizer can be used for cultivation of field crops.

4. Information on the possibility of combined use of the fertiliser with plant protection products

CAVITA BIOCOMPLEX is not intended for use in combination with plant protection products.

5. Information on the effects of the fertiliser on human health, animal health and the environment

No waste or substances not known as useful for fertilisation were used to manufacture the fertiliser. No Salmonella or eggs of intestinal parasites were found in the fertiliser. The concentration of heavy metals is well below the permissible limits. Therefore it is concluded that the fertiliser CAVITA BIOCOMPLEX does not pose any risk to human or animal health or the environment when used as intended.

Attachments to the expert opinion:

- 1) Test report No. 21N77 of 05.11.2021
- 2) The instructions for use of the fertiliser accepted by the Institute of Soil Science and Plant Cultivation - State Research Institute:

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Head of the department
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