TEST REPORT

TEST REPORT NO: A10376427001

REPORT DATE: 13/03/2023

Customer Information:

Customer Name	: CAVITA BIOCOMPLEX FZC
Customer Address	: Sharjah

Sample Information:

Sample Name	: Liquid Organic Fertilizer
Brand	: CAVITA BIOCOMPLEX
Origin	: N.M
Batch No.	: N.M
Net Weight	: N.M
Container Type	: Plastic
Sampling Date	: 3/1/2023
Sample Receiving Date	: 02/03/2023
Sample Source	: Pvt. Sector
Product Date	: N.M
Expiry Date	: N.M
Sample Receipt Condition	: Liquid (+25 to +30)ºC

Chemical Analysis

Analysis Start Date: 03/03/2023 **Analysis End Date:** 13/03/2023

S.No	Parameter	Results	Unit	Reference Limit		Uncertainity	Analyte References	Methodology/ Procedure No.
				Min	Max			
1	pH value	5.69	pH units	-	7	-		pH meter/AGR-AA-002
2	Electrical Conductivity	0.01	mmhos/cm	-	10	-		EC meter/ AGR-AA-015
3	Water soluble chloride	0.11	meq/L	-	-	-		Titration/CTL-AGR-AA-007
4	Organic Matter	99.76	%	60	-	-		Gravimetric - AGR-AA-009
5	Moisture %	93.0	%	-	-	-		Gravimetric - AGR-AA-008
6	Salt %	0.58	%	-	1	-		Gravimetric- AGR-AA-010
7	Heavy metals in Fertilizers							
	Arsenic	<0.047	ppm	-	-	-		ICP-OES/AGR-AA-016
	Cadmium	<0.015	ppm	-	-	-		ICP-OES/AGR-AA-016
	Calcium	214.600	ppm	-	-	-		ICP-OES/AGR-AA-016
	Chromium	0.223	ppm	-	-	-		ICP-OES/AGR-AA-016
	Copper	0.343	ppm	-	-	-		ICP-OES/AGR-AA-016

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Chemical Analysis

Analysis Start Date: 03/03/2023 **Analysis End Date:** 13/03/2023

S.No	Parameter	Results	Unit	Reference Limit		Uncertainity	Analyte References	Methodology/ Procedure No.
				Min	Max			
	Lead	<0.088	ppm	-	-	-		ICP-OES/AGR-AA-016
	Magnesium	51.500	ppm	-	-	-		ICP-OES/AGR-AA-016
	Mercury	<0.07	ppm	-	-	-		ICP-OES/AGR-AA-016
	Molybdenum	<0.089	ppm	-	-	-		ICP-OES/AGR-AA-016
	Nickel	<0.072	ppm	-	-	-		ICP-OES/AGR-AA-016
	Phousphrous	27.100	ppm	-	-	-		ICP-OES/AGR-AA-016
	Potassium	25.850	ppm	-	-	-		ICP-OES/AGR-AA-016
	Potassium Oxide	0.003	%	-	-	-		ICP-OES/AGR-AA-016
	Selenium	<0.034	ppm	-	-	-		ICP-OES/AGR-AA-016
	Sodium	<0.76	ppm	-	-	-		ICP-OES/AGR-AA-016
	Zinc	2.630	ppm	-	-	-		ICP-OES/AGR-AA-016
8	Total Dissolved Solid (TDS)	11.06	mg/L	-	-	-		EC meter/ AGR-AA-015

Comments:
Investigated parameters are compliant with regulation. Ref (fertilizer resolution 784 for the year 2015). Requested parameters as shown above for Metals Analysis ,Water Soluble Chloride, TDS and Moisture.

Dr. Mariam Suroor Al Shamsi
Director of Life Sciences Department - Al Ain

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Disclaimer:

1	This asterisk (**) mark the tests that have been sub-contracted.
2	This asterisk (***) indicates the working sheet should be read in conjunction with test report.
3	Any comment / interpretation or opinion expressed above under “Comments” is based upon the laboratories interpretation of overall tests -results and background information known to it at the time of analysis. It does not fall under any part of the accreditations and such comments are offered as advice only. QCC shall not be held liable for any consequential impact or damages which may be incurred by the customer as a result of how the customer chooses to act upon that advice.
4	This Test Report shows results which relate only to the items tested and should not be used for any commercial purpose (such as external promotions or advertising trade interest in the quality of products tested). Prior written approval from QCC is expressly required should the customer wish to represent this report in any format bearing the QCC brand for any purpose other than the internal needs of the customer. Failure to adhere to this Disclaimer renders the Customer liable for further action from the QCC including imposition of financial penalty.
5	This report is signed with an electronic signature under compliance of the quality system.
6	Any complaint or inquiry on test result/report raised within 60 days of result/report issuance shall only be accepted.
7	**N.M:** Not Mentioned; **N.D:** Not Detected
8	‘mg/kg’ or ‘mg/L’ is equivalent to ‘ppm’, ‘µg/kg’ or ‘µg/L’ is equivalent to ‘ppb’
9	Result displayed in Red color indicates Out-Spec/Failed result.
10	Whenever uncertainty is reported, the reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k= 2, providing a coverage probability of approximately 95%, unless otherwise specified.

End of Report

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