

Analysis results for

WA100

Foliar Fertilizer

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Batch Number: 492054

External sample recognition:	WA100
Type of sample:	Private sample
Object of investigation:	Fertilizer
Substance:	Mineral Fertilizer/ Liquid
Category / Matrix:	with micronutrients

The analysis of the sample showed following results:

Parameter	Result			
Salmonella sp.	not detectable in 50 ml			
Escherichia coli 0157	not detectable in 50 ml			
Campylobacter sp.	not detectable in 50 ml			
Listeria monocytogenes	not detectable in 50 ml			
Helminth ova	not detectable in 50 ml			
	cal. as	Result	LD	LQ
Dry matter, nutrients and pH				
Dry matter		27,90		mass-%
Organic substance in dry matter		80,9		mass-%
Total Nitrogen		<LD	0,07	mass-%
Ash		19,5		mass-%
TC - Total Carbon		22,5		mass-%
Phosphates (P2O5) total		<0,1	0,1	mass-%
Potassium oxide, total		<0,01	0,01	mass-%
density		1,13		g/cm ³
pH		2,06		
Chloride, water soluble		0,45	0,10	%
Conductivity				
Corresponds to a Salinity of 13,7g/kg and 15,4g/L of potassium chloride		2600		µS/cm

micronutrients and heavy metals			
Copper (Cu)	0,39	0,00	mass-%
Copper (Cu) water soluble	0,39		mass-%
Manganese (Mn)	2,10	0,0002	mass-%
Manganese (Mn) water soluble	1,40		mass-%
Selenium (Se)	0,60		mg/kg
Lead (Pb) in dry matter	5,50		mg/kg
Cadmium (Cd) in dry matter	0,90		mg/kg
Chromium (Cr) in dry matter	0,90		mg/kg
Nickel (Ni) in dry matter	14,80		mg/kg
Mercury (Hg) in dry matter	0,006		mg/kg
Arsenic (As) in dry matter	<0,20	0,20	mg/kg

Foreign bodies	Liquid Product is sieved (sieve: 5 μ mesh size) after the production. Containers sealed closed with originality seal
Glass, plastic, metals bigger than 2mm	not applicable
Rocks bigger than 5mm	not applicable

Used acronyms:

LD... limit of detection

LQ... limit of quantification

Confirmed, Langenlois, 29-07-2018
Electronically signed by CNS GmbH



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