



Prüfinstitut  
Chemische Analytik GmbH

PiCA GmbH, Rudower Chaussee 29, 12489 Berlin, Germany  
Circa Sustainable Chemicals SAS  
Mr. Cyrille Dehlinger  
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your sign: Project ReSolute  
our sign: 21-C056-0007  
phone: see project manager below test result  
telefax: +49(0)30/2556600-1  
e-Mail: see project manager below test result

Berlin, 02.09.2021

## Test Report 21-C056-0007

name and address of client: see address  
product type: soil  
delivery condition:  
date of receipt: 09.08.2021  
testing (start/end): 09.08.2021/02.09.2021  
sample taken by: taken by client  
sample identification: S5  
Analysis of Soil samples, Ambient Air and Gases from Soil samples

### Test Report: furfural

test method: LA-GC-011.03\_6/18/2020  
GC/MS after extraction and derivatization

### test result

Test Report 21-C056-0007

sample identification: S5

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
furfural	98-01-1	<1	mg/kg	1

RL: reporting limit

The amount in [ ] is a semiquantitative valuation under reporting limit.



phone +49 30 255 66 00-63  
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The test results relate only to the items tested. The test report shall not be reproduced except in full without the written approval of the testing laboratory.

**Test Report: acetic acid**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0007**

sample identification: S5

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
acetic acid	64-19-7	<50	mg/kg	50

RL: reporting limit

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**Test Report: Phosphat**  
test method: Outsourcing\_  
photometric measurement  
**remarks: Dry matter 87,2%**

**test result**

**Test Report 21-C056-0007**

sample identification: S5

Analysis of Soil samples, Ambient Air and Gases from

parameter	amount	results in	RL
Phosphat	<b>1300</b>	mg/kg ds	0.01

RL: reporting limit

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\*testing performed by an accredited partner lab



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**Test Report: sulfolane, Levoglucosenon, Cyrene**  
test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0007**

sample identification: S5

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
sulfolane	126-33-0	<1	mg/kg	1
Levoglucosenon	37112-31-5	<20	mg/kg	20
Cyrene	53716-82-8	<1	mg/kg	1

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Berlin, 02.09.2021

## Test Report 21-C056-0008

name and address of client: see address  
product type: soil  
delivery condition:  
date of receipt: 09.08.2021  
testing (start/end): 09.08.2021/02.09.2021  
sample taken by: taken by client  
sample identification: S6  
Analysis of Soil samples, Ambient Air and Gases from Soil samples

### Test Report: furfural

test method: LA-GC-011.03\_6/18/2020  
GC/MS after extraction and derivatization

### test result

Test Report 21-C056-0008

sample identification: S6

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
furfural	98-01-1	<1	mg/kg	1

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**Test Report: acetic acid**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0008**

sample identification: S6

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
acetic acid	64-19-7	<50	mg/kg	50

RL: reporting limit

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**Test Report: Phosphat**  
test method: Outsourcing\_  
photometric measurement  
**remarks: Dry matter 90,7%**

**test result**

**Test Report 21-C056-0008**

sample identification: S6

Analysis of Soil samples, Ambient Air and Gases from

parameter	amount	results in	RL
Phosphat	<b>1100</b>	mg/kg ds	0.01

RL: reporting limit

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**Test Report: sulfolane, Levoglucosenon, Cyrene**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0008**

sample identification: S6

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
sulfolane	126-33-0	<1	mg/kg	1
Levoglucosenon	37112-31-5	<20	mg/kg	20
Cyrene	53716-82-8	<1	mg/kg	1

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Berlin, 02.09.2021

## Test Report 21-C056-0009

name and address of client: see address  
product type: soil  
delivery condition:  
date of receipt: 09.08.2021  
testing (start/end): 09.08.2021/02.09.2021  
sample taken by: taken by client  
sample identification: S7  
Analysis of Soil samples, Ambient Air and Gases from Soil samples

### Test Report: furfural

test method: LA-GC-011.03\_6/18/2020  
GC/MS after extraction and derivatization

### test result

Test Report 21-C056-0009

sample identification: S7

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
furfural	98-01-1	<1	mg/kg	1

RL: reporting limit

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**Test Report: acetic acid**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0009**

sample identification: S7

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
acetic acid	64-19-7	<50	mg/kg	50

RL: reporting limit

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**Test Report: Phosphat**  
test method: Outsourcing\_  
photometric measurement  
**remarks: Dry matter 84,3%**

**test result**

**Test Report 21-C056-0009**

sample identification: S7

Analysis of Soil samples, Ambient Air and Gases from

parameter	amount	results in	RL
Phosphat	<b>500</b>	mg/kg ds	0.01

RL: reporting limit

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**Test Report: sulfolane, Levoglucosenon, Cyrene**  
test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0009**

sample identification: S7

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
sulfolane	126-33-0	<1	mg/kg	1
Levoglucosenon	37112-31-5	<20	mg/kg	20
Cyrene	53716-82-8	<1	mg/kg	1

RL: reporting limit

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Berlin, 02.09.2021

## Test Report 21-C056-0010

name and address of client: see address  
product type: soil  
delivery condition:  
date of receipt: 09.08.2021  
testing (start/end): 09.08.2021/02.09.2021  
sample taken by: taken by client  
sample identification: S8  
Analysis of Soil samples, Ambient Air and Gases from Soil samples

### Test Report: furfural

test method: LA-GC-011.03\_6/18/2020  
GC/MS after extraction and derivatization

### test result

Test Report 21-C056-0010

sample identification: S8

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
furfural	98-01-1	<1	mg/kg	1

RL: reporting limit

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**Test Report: acetic acid**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0010**

sample identification: S8

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
acetic acid	64-19-7	<50	mg/kg	50

RL: reporting limit

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**Test Report: Phosphat**  
test method: Outsourcing\_  
photometric measurement  
**remarks: Dry matter 88,1%**

**test result**

**Test Report 21-C056-0010**

sample identification: S8

Analysis of Soil samples, Ambient Air and Gases from

parameter	amount	results in	RL
Phosphat	<b>780</b>	mg/kg ds	0.01

RL: reporting limit

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**Test Report: sulfolane, Levoglucosenon, Cyrene**  
test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0010**

sample identification: S8

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
sulfolane	126-33-0	<1	mg/kg	1
Levoglucosenon	37112-31-5	<20	mg/kg	20
Cyrene	53716-82-8	<1	mg/kg	1

RL: reporting limit

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Berlin, 02.09.2021

## Test Report 21-C056-0011

name and address of client: see address  
product type: soil  
delivery condition:  
date of receipt: 09.08.2021  
testing (start/end): 09.08.2021/02.09.2021  
sample taken by: taken by client  
sample identification: S9  
Analysis of Soil samples, Ambient Air and Gases from Soil samples

### Test Report: furfural

test method: LA-GC-011.03\_6/18/2020  
GC/MS after extraction and derivatization

### test result

Test Report 21-C056-0011

sample identification: S9

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
furfural	98-01-1	<1	mg/kg	1

RL: reporting limit

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**Test Report: acetic acid**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0011**

sample identification: S9

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
acetic acid	64-19-7	<50	mg/kg	50

RL: reporting limit

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**Test Report: Phosphat**  
test method: Outsourcing\_  
photometric measurement  
**remarks: Dry matter 85,6%**

**test result**

**Test Report 21-C056-0011**

sample identification: S9

Analysis of Soil samples, Ambient Air and Gases from

parameter	amount	results in	RL
Phosphat	<b>490</b>	mg/kg ds	0.01

RL: reporting limit

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**Test Report: sulfolane, Levoglucosenon, Cyrene**

test method: GC/MS after extraction\_

**test result**

**Test Report 21-C056-0011**

sample identification: S9

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
sulfolane	126-33-0	<1	mg/kg	1
Levoglucosenon	37112-31-5	<20	mg/kg	20
Cyrene	53716-82-8	<1	mg/kg	1

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Berlin, 02.09.2021

## Test Report 21-C056-0012

name and address of client: see address  
product type: soil  
delivery condition:  
date of receipt: 09.08.2021  
testing (start/end): 09.08.2021/02.09.2021  
sample taken by: taken by client  
sample identification: S10  
Analysis of Soil samples, Ambient Air and Gases from Soil samples

### Test Report: furfural

test method: LA-GC-011.03\_6/18/2020  
GC/MS after extraction and derivatization

### test result

Test Report 21-C056-0012

sample identification: S10

Analysis of Soil samples, Ambient Air and Gases from

parameter	CAS-No.	amount	results in	RL
furfural	98-01-1	<1	mg/kg	1

RL: reporting limit

The amount in [ ] is a semiquantitative valuation under reporting limit.



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