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# TEST REPORT

28 July 2020

## 1 Sample Information

Sample name	Test af fluorstoffer i pizzabakker ( ecobox)
Sample reception	01/07/2020
Sample no.	392-2020-00290101
Analysis period	06/07/2020 - 22/07/2020

## 2 Brief Evaluation of the Results

Type of analysis	Conclusion	Regulation or protocol
Total Organic Fluor (TOrF)	Pass	Danish guided indicator value

Full details based on the testing and direct comparison with limit values are available in the following pages



Brian Jensen  
 MSc. Chemistry

\*: Not accredited

<: Less than

>: Greater than

LOD: Limit of detection

⌘: Performed by Eurofins Umwelt Ost GmbH – DakKS accreditation number: D-PL-14081-01-00

Um(%): The expanded uncertainty Um(%) equals 2 x RSD%. For further information please visit [www.eurofins.dk/uncertainty](http://www.eurofins.dk/uncertainty)

The results are only valid for the tested sample(s).

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⌘: Internal test method

n.d: Not detected

n.m: Not measurable

LOQ: Limit of quantification

### 3 Applied Test Methods

#### 3.1 General Test References

Method	Parameter	Analysis principle	LOD	Um(%)
DIN 51718 #*	Water content	Gravimetry	0.1% (w/w) (LOQ)	10%
DIN 51723 #*	Total Organic Fluor (TOrF)	IC-EC	0.33 mg/kg dw	30%
DIN 51723#*	Total Organic Fluor (TOrF)	Calculation	-	-
Internal method#*	Surface weight	Gravimetry	-	0.1%

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#### 3.2 Short method description

By combustion the perfluorinated substances (and other organic fluorinated substances) degrades to hydrogen fluoride which is collected quantitatively in an impinge with a buffer solution. The amount of hydrogen fluoride collected is determined by ion chromatography.

### 4 Results

#### 4.1 Analysis results

Parameter	Unit	Results	Indicator Value#
Water content	% w/w	8.2	-
Surface weight	g/dm <sup>2</sup> dw	3.96	-
Total Organic Fluor (TOrF)	mg/kg dw	19	20
Total Organic Fluor (TOrF)	µg/dm <sup>2</sup> dw	75.2	-

# Danish guided indicator value

### 5 Summary and Evaluation of the Results

The content of Total Organic Fluor (TOrF) is **below** Danish guided indicator value.

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## 6 Picture of Sample



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