

**TEST REPORT****124543 / 1**Date received: 23-12-10  
Date of test: 23-12-10  
Date of issue: 17-01-11GOZDNO GOSPODARSTVO POSTOJNA  
VOJKOVA UL. 9  
6230 POSTOJNA  
SI - SLOVENIA

Sample name: Pellet per attestazione PELLETT GOLD

**Determination of moisture content UNI EN 14774-3:2009**Sampling: Done by AIEL  
Temperature: 103±2 °C  
Heating period: 12 h**Test results:**

N.	Moisture %
1	5,08
2	5,08
3	5,10
<b>Mean value</b>	<b>5,09</b>

Note: The test result is reported on a wet basis.

Head of Department  
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**TEST REPORT****124543 / 2**Date received: 23-12-10  
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Sample name: Pellet per attestazione PELLETT GOLD

**Determination of ash content UNI EN14775:2010**Sampling: Done by AIEL  
temperature: 550 ± 20 °C  
Moisture content: 5,09 %  
Apparatus: Furnace**Test result:**

N.	Ash on wet basis (%)	Ash on dry basis (%)
1	0,72	0,76
2	0,71	0,75
3	0,71	0,75

<b>Mean value</b>	<b>0,71</b>	<b>0,75</b>
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**TEST REPORT****124543 / 3**Date received: 23-12-10  
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Sample name: Pellet per attestazione PELLETT GOLD

**Determination of calorific value UNI EN 14918:2010**Sampling: effettuato dal richiedente  
Temperature: 103±2 °C per 12 ore  
Apparatus: Isoperibol calorimeter.

## Test result:

Moisture content: 5,09 %

N.	Gross calorific value on dry basis MJ/kg	Net calorific value on wet basis MJ/kg
1	19,98	17,6
2	19,67	17,3
3	19,75	17,4
<b>Mean value</b>	<b>19,80</b>	<b>17,4</b>

**Note:**

1 cal x 4,1868 = 1 J

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## TEST REPORT

# 124543 / 4

Date received: 23-12-10  
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Date of issue: 17-01-11

GOZDNO GOSPODARSTVO POSTOJNA  
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SI - SLOVENIA

Sample name: Pellet per attestazione PELLETT GOLD

## Determination of bulk density CEN/TS 15103:2005

Moisture: 5,1 %  
Volume of container: 4,96 litres

### Test result:

N°	Sample mass g	Bulk density kg/m <sup>3</sup>
1	3086,9	622
2	3092,3	623
<b>Mean</b>		<b>623</b>

Note:  
The test was carried out on the sample as received.

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**TEST REPORT****124543 / 5**Date received: 23-12-10  
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Sample name: Pellet per attestazione PELLETT GOLD

**Determination of durability CEN/TS 15210-1:2006**

Moisture: 5,09 %

Amount of fines:

N. 1 0,01 %

N. 2 0,02 %

**Test result**

N.	Sample mass before tumbling g	Sample mass after tumbling g	Durability %
1	501,2	492,3	98,2
2	500,3	492,1	98,4
<b>Mean</b>			98,3

**Note:**

The test was carried out on the sample as received.

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**TEST REPORT****124543 / 6**Date received: 23-12-10  
Date of test: 14-01-11  
Date of issue: 17-01-11

Sample name: Pellet per attestazione PELLETT GOLD

GOZDNO GOSPODARSTVO POSTOJNA  
VOJKOVA UL. 9  
6230 POSTOJNA  
SI - SLOVENIA**Metals determination by atomic absorption - CATAS procedure****SAMPLE PREPARATION**

Dry sample solubilisation with conc. nitric acid by microwave oven.

**TECHNIQUE USED**

Inductively coupled plasma optical spectrometry ICP - AES

**TEST RESULTS**

The following value are referred to dry sample.

<b>ELEMENT</b>		<b>VALUE</b>
ARSENIC	mg/kg	< 0,01
LEAD	mg/kg	< 5
CADMIUM	mg/kg	< 0,5
MERCURY	mg/kg	< 0,01
COPPER	mg/kg	< 10
CHROMIUM	mg/kg	< 5
ZINC	mg/kg	< 10
SODIUM	%	0,002

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**TECHNICAL REPORT n°: 124543 / 7 del 17-01-2011**

Date received:	23-12-10	GOZDNO GOSPODARSTVO POSTOJNA VOJKOVA UL. 9 6230 POSTOJNA SI - SLOVENIA
Date of test:	14-01-11	
Date of issue:	17-01-11	
Sample name:	Pellet per attestazione PELLETT GOLD	

**Determination of Nitrogen, Chlorine and Sulphur - CATAS procedure**

**ANALYTICAL METHOD**

Chlorine and Sulphur: Oxygen combustion, absorption in alkaline/hydrogen peroxide solution and analysis by ionic chromatography.

Total Nitrogen: Kjeldahl Method.

Test carried out on dry specimens.

**RESULTS**

ELEMENT	Units	VALUE
Chlorine (Cl)	% s.s.	0,01
Sulphur (S)	% s.s.	0,01
Total Nitrogen (TKN)	% s.s.	0,15

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## TEST REPORT

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Sample name: Pellet per attestazione PELLETT GOLD

## Contenuto di formaldeide nei pellet. Metodo del perforatore EN 120:1992

Diameter	mm	6,0
Moisture content	%	1,0
Conditioning	-	Not requested by the customer
Sampling	-	Carried out by the AIEL
Received sample description	-	About 10 kg sack

### Test results

mgHCHO/100g (dry sample)	0,4
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Material	Pellet
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