

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 14774-3:2009Sampling: Done by AIEL
Temperature: 103±2 °C
Heating period: 12 h**Test results:**

N.	Moisture %
1	5,08
2	5,08
3	5,10
Mean value	5,09

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

Head of Department
Dott. Franco BulianManaging Director
Dr. Andrea Giavon



centro ricerche-sviluppo
laboratorio prove settore legno-arredo

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TEST REPORT

124543 / 2

Date received: 23-12-10
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GOZDNO GOSPODARSTVO POSTOJNA
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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

Mean value	0,71	0,75
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Date of issue: 17-01-11GOZDNO GOSPODARSTVO POSTOJNA
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Sample name: Pellet per attestazione PELLETT GOLD

Determination of calorific value UNI EN 14918:2010Sampling: 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
Mean value	19,80	17,4

Note:

1 cal x 4,1868 = 1 J

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TEST REPORT

124543 / 4

Date received: 23-12-10
Date of test: 13-01-11
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Sample name: Pellet per attestazione PELLETT GOLD

GOZDNO GOSPODARSTVO POSTOJNA
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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 ³
1	3086,9	622
2	3092,3	623
Mean		623

Note:

The test was carried out on the sample as received.

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TEST REPORT**124543 / 5**Date received: 23-12-10
Date of test: 13-01-11
Date of issue: 17-01-11GOZDNO GOSPODARSTVO POSTOJNA
VOJKOVA UL. 9
6230 POSTOJNA
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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
Mean			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.

ELEMENT		VALUE
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

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Sample name:	Pellet per attestazione PELLETT GOLD	SI - SLOVENIA

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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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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