

**QUALITY ANALYSIS REPORT OF JEWELLERY**
**BT LX-25/132**

Date 03.07.2025

**THE GOLD PENDANT with CARBONADO & NATURAL DIAMONDS**

**Weight: 4,03 g**
**Metal:**

- **The main part of the pendant:** White Gold alloy, Au /Cu/Zn/Pd in composition, with the gold content corresponding to the gold standard fineness 750°.
- **The loop of the pendant:** Yellow gold alloy, Au/Ag/Cu/Zn in composition, with gold content corresponding to gold standard fineness 375°

**Gems:**

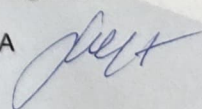
	The Central Stone: <b>CARBONADO DIAMOND</b>	The Surrounding Stones: <b>NATURAL DIAMONDS</b>
Quantity:	1	16
The Total Ct-Weight:	~ 2,6 ct	~ 0,64 ct
Clarity:	opaque	VVS
Colour:	black	E-F
Shape & Cut:	Round Brilliant	Round Brilliant
Measurements, mm:	Ø 9,20 x 5,05	Ø 2,2

**Comments:** The Carat-Weight of the gemstones mounted in jewellery is calculated by the stones measurements and is given in approximately value.

**Marking:** The Hallmarking of Estonia (375°)

**The examination has been carried out by experts and Graduate Gemmologists of AS Metrosert, Assay Office of Estonia.**

Jelena Muhamedjanova FGA



## DIAMONDS

### Carat Weight

Expressed in carats: 1 ct = 0,2 g  
-two decimals are mentioned  
-the third decimal is rounded down  
As long as it is smaller than 9 e.g.

### Measurements (mm)

Brilliants:  
Min diameter x max diameter x height  
Other shapes:  
Length x width x height

### International colour grading scale:

Exceptional white +	D
Exceptional white	E
Rare white +	F
Rare white	G
White	H
Slightly tinted white	I
	J
Tinted white	K
	L
Tinted colour	M
	N
	O
	P
	Q
	R
	S-Z

### Clarity Grading:

GIA	CIBJO	Description
Flawless (FL.)	Loupe Clean (LC)	Shows no inclusions or blemishes
Internally Flawless (IF)		Shows no inclusions and only insignificant blemishes
Very Very Slightly Included (VVS)	Very Very Small Inclusions (VVS)	Contains minute inclusions that are difficult for an experienced grader to locate at 10x magnification
VVS1	VVS1	Inclusions are extremely difficult to see
VVS2	VVS2	Inclusions are very difficult to see
Very Slightly Included (VS)	Very Small Inclusions (VS)	Contains minor inclusions. Small crystals, feathers and clouds are typical
VS1	VS1	Inclusions are difficult to see
VS2	VS2	Inclusions are somewhat difficult to see
Slightly Included (SI)	Small Inclusions (SI)	Contains noticeable inclusions
SI1	SI1	Inclusions are easy to see
SI2	SI2	Inclusions are very easy to see (may even be seen with the naked eye from the pavilion)
Imperfect (I)	Pique (P)	Contains obvious inclusions under 10x magnification, which can be easily seen face-up with the naked eye. They may seriously affect the stone's potential durability, or are so numerous that they affect the stone's transparency and brilliance.
I1	P1	Beauty or durability are somewhat affected Inclusions can be seen with the naked eye
I2	P2	Beauty or durability are seriously affected Inclusions can be seen with the naked eye
I3	P3	Beauty or durability are seriously affected Inclusions can be easily seen with the naked eye

## BLACK DIAMONDS/CARBONADO

	Monocrystalline -Diamond	Polycrystalline -Carbonado
Chemical composition	Carbon -C	Amorphous carbon, graphite, diamonds
Colour	Brownish-, greyish black (is due to black inclusions)	Grey to Black, shades of brown
Transparency	Translucent to opaque	opaque
Hardness (Mohs scale)	10	10
Crystal System	Cubic	-
Specific gravity	3,52	~3,0
Cleavage	Perfect, is brittle	- (is more tough)
Treatments	HPHT treatment, irradiation of grey colour diamonds	-
Localities (the most important)	India, Brazil, South Africa, Russia (Siberia), Australia	Brazil, Central African Republic
Synthetic	Yes	No
Simulants	Cubic Zirconia (CZ); synthetic moissanite	-