


**LABORATORY GROWN DIAMOND IDENTIFICATION REPORT**
**NUMBER** LG389990171      **October 4, 2019**
**DESCRIPTION** LABORATORY GROWN DIAMOND

**SHAPE AND CUT** EMERALD CUT

**CARAT WEIGHT** **0.70 CARAT**
**Measurements** 6.11 x 4.18 x 2.82 mm

**CLARITY GRADE** **SI 2**
**COLOR GRADE** **J**
**Fluorescence** NONE

**FINISH**

 Polish - Symmetry **EXCELLENT**

 Proportions **EXCELLENT**

Table Size 61%

Crown Height 12.5%

Pavilion Depth 52%

 Girdle Thickness **MEDIUM**

 Culet **LONG**

Total Depth 67.5%

**COMMENTS** This Laboratory grown diamond was created by chemical vapor deposition process (CVD) and is type IIa

**LASERSCRIBE** LABGROWN IGI LG389990171

**CLARITY SCALE**

FLAWLESS/ INTERNALLY FLAWLESS	VERY VERY SLIGHTLY INCLUDED		VERY SLIGHTLY INCLUDED		SLIGHTLY INCLUDED		INCLUDED		
	VVS <sub>1</sub>	VVS <sub>2</sub>	VS <sub>1</sub>	VS <sub>2</sub>	SI <sub>1</sub>	SI <sub>2</sub>	I <sub>1</sub>	I <sub>2</sub>	I <sub>3</sub>

**COLOR SCALE**

COLORLESS			NEAR COLORLESS			SLIGHTLY TINTED		VERY LIGHT				LIGHT					FANCY COLOR					
D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T		U	V	W	X	Y

The laboratory grown diamond described in this report has been graded, tested, analyzed, examined and/or inscribed by International Gemological Institute (IGI). Laboratory grown diamonds are diamond crystals created by scientific means and representing essentially all physical, chemical and optical characteristics of natural diamonds. IGI employs and utilizes those techniques and equipment currently available to IGI including without limitations: DiamondView, DiamondSure, FTIR spectroscopy, UV VIS NIR absorption spectrometer, EDXRF spectroscopy, PL (RAMAN) spectrometers.

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