


LABORATORY GROWN DIAMOND IDENTIFICATION REPORT
NUMBER LG341804499 **December 19, 2018**
DESCRIPTION LABORATORY GROWN
DIAMOND

SHAPE AND CUT ROUND BRILLIANT

CARAT WEIGHT 0.70 CARAT

COLOR GRADE J

CLARITY GRADE SI 1

CUT GRADE IDEAL

POLISH EXCELLENT

SYMMETRY EXCELLENT

Measurements 5.68 - 5.73 x 3.52 mm

Table Size 56.5%

Crown Height - Angle 15% - 35°

Pavilion Depth - Angle 43% - 40.9°

Girdle Thickness MEDIUM TO SLIGHTLY THICK
(FACETED)

Culet POINTED

Total Depth 61.6%

FLUORESCENCE NONE

COMMENTS This Chemical Vapor Deposition (CVD)
laboratory grown diamond is classified as
Type IIa

LASERSCRIBE IGI LG341804499, LAB GROWN

CLARITY SCALE

FLAWLESS/ INTERNALLY FLAWLESS	VERY VERY SLIGHTLY INCLUDED		VERY SLIGHTLY INCLUDED		SLIGHTLY INCLUDED		INCLUDED		
	VS ₁	VS ₂	VS ₁	VS ₂	SI ₁	SI ₂	I ₁	I ₂	I ₃

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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