INTERNATIONAL GEMOLOGICAL INSTITUTE

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LGM3E39253

SCIENTIFIC LABORATORY FOR THE IDENTIFICATION AND GRADING OF DIAMONDS AND COLORED STONES
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EDUCATIONAL PROGRAMS

IGI GEMOLOGICAL REPORT

IGI LABORATORY GROWN DIAMOND GRADING REPORT

June 24, 2019

IGI Report Number	LGM3E39253
Shape and Cutting Style	ROUND BRILLIANT
Measurements	6.87 - 6.90 x 4.13 mm

GRADING RESULTS

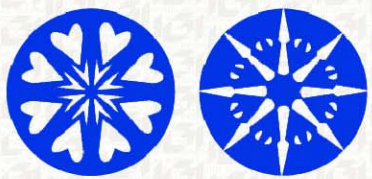
Carat Weight	1.19 CARAT
Color Grade	F
Clarity Grade	VS 1
Cut Grade	IDEAL

ADDITIONAL GRADING INFORMATION

Polish	EXCELLENT
Symmetry	EXCELLENT
Fluorescence	NONE
Inscription(s)	LABGROWN IGI LGM3E39253 Pure CVD

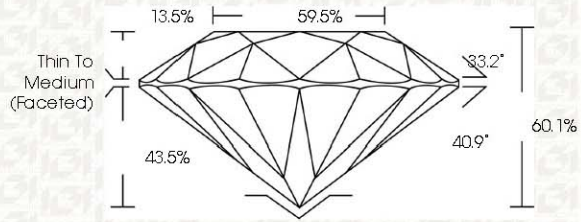
Comments:

HEARTS & ARROWS
This Chemical Vapor Deposition (CVD) laboratory grown diamond is classified as Type IIa.



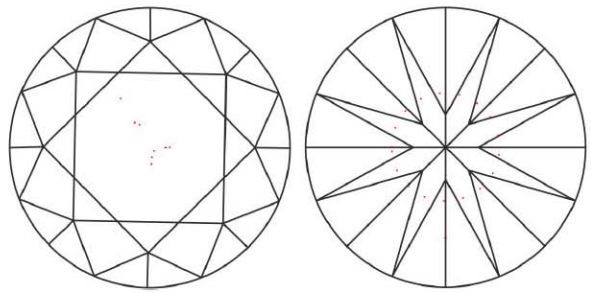
ADDITIONAL INFORMATION

PROPORTIONS



Pointed

CLARITY CHARACTERISTICS



KEY TO SYMBOLS

Red symbols indicate internal characteristics.
Green symbols indicate external characteristics.

GRADING SCALES

COLOR GRADING SCALE	CL	NC	FT	VLT	LT
	COLORLESS D - F	NEAR COLORLESS G - J	FAINT K - M	VERY LIGHT N - R	LIGHT S - Z

CLARITY (10x) GRADING SCALE	FL / IF	VVS	VS	SI	I
	FLAWLESS / INTERNALLY FLAWLESS	VERY VERY SLIGHTLY INCLUDED	VERY SLIGHTLY INCLUDED	SLIGHTLY INCLUDED	INCLUDED

The Laboratory Grown Diamond (LGD) described in this Report has been analyzed, graded, and LaserScribed® by International Gemological Institute (IGI). A LGD has essentially the same chemical, physical and optical properties as a mined diamond, with the exception of being man-made (a manufactured product). LGD's are typically produced by CVD (chemical vapor deposition) or by HPHT (high pressure high temperature) growth processes and may include post-growth modifications to change the color. IGI utilizes the most advanced techniques and equipment currently available including, binocular microscopes, diamond color masters, non-contact-optical measuring devices, a wide range of analytical techniques including FTIR, UV-VIS-NIR, raman spectroscopy, and fluorescence analysis at various excitation wavelengths. This Report includes advanced security features. This Report is neither a guarantee, valuation nor appraisal and by making this report IGI does not agree to purchase or replace the article.
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