



# INTERNATIONAL GEMOLOGICAL INSTITUTE

## LABORATORY GROWN DIAMOND REPORT

May 16, 2022

IGI Report Number **LG22239801**

Shape and Cutting Style **EMERALD CUT**

Measurements **5.30 x 3.96 x 2.88 MM.**

### GRADING RESULTS

Carat Weight **0.51 CARAT**

Color Grade **F**

Clarity Grade **SI 1**

### ADDITIONAL GRADING INFORMATION

Polish **VERY GOOD**

Symmetry **VERY GOOD**

Fluorescence **NONE**

Inscription(s) **GROWN IN THE USA PAT.6,858,078 IGI  
LG22239801**

Comments:  
As Grown - No indications of post-growth treatment.  
This Laboratory Grown Diamond was created by  
Chemical Vapor Deposition (CVD) growth process.

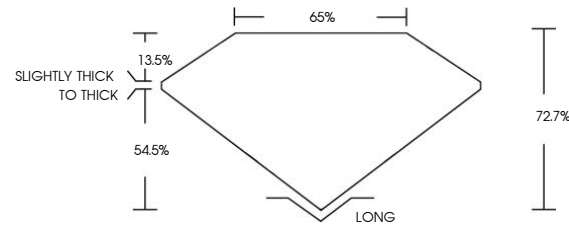


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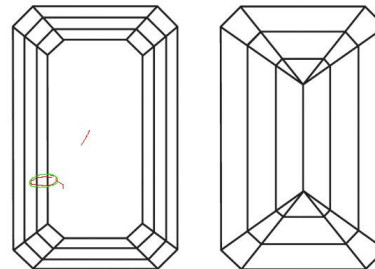
**LG22239801**

Report verification at [igi.org](http://igi.org)

### PROPORTIONS



### CLARITY CHARACTERISTICS



### KEY TO SYMBOLS

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

The laboratory grown diamond described in this Report ("Report") has been graded, tested, analyzed, examined and/or inscribed by International Gemological Institute (IGI). A laboratory grown diamond is one that has essentially the same chemical, physical and optical properties as a mined diamond, with the exception of being grown by man (a manufactured product). This is a manufactured (man-made) diamond produced by CVD (chemical vapor deposition) or by HPHT (high pressure high temperature) growth processes and may include post-growth treatments to alter the color. IGI employs and utilizes those techniques and equipment currently available to IGI, including, without limitation, 10X magnification, corrected triplet loupe, binocular microscope, master color comparison stones, non-contact optical measuring device, Spectrophotometer and such other instruments and/or processes as deemed appropriate by IGI. In the case where diamond melee is set in a mounting, a random testing procedure, regarding the diamonds being of natural or laboratory created origin will be performed. This Report includes advanced security features. A duly accredited gemologist or jeweler can advise you with respect to the importance of and interrelationship between cut, color, clarity and carat weight.

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### GRADING SCALES

#### CLARITY

IF	VVS <sup>1-2</sup>	VS <sup>1-2</sup>	SI <sup>1-2</sup>	I <sup>1-3</sup>
Internally Flawless	Very Very Slightly Included	Very Slightly Included	Slightly Included	Included

#### COLOR

D	E	F	G	H	I	J	Faint	Very Light	Light
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LASERSCRIBE <sup>SM</sup>  
Sample Image Used



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