



December 28, 2021	
IGI Report Number	LG462164591
Description	LABORATORY GROWN DIAMOND
Shape and Cutting Style	EMERALD CUT
Measurements	10.89 X 7.59 X 4.97 MM

Carat Weight	4.11 CARATS
Color Grade	E
Clarity Grade	VS 1

Polish	EXCELLENT
Symmetry	EXCELLENT
Fluorescence	NONE
Inscription(s)	LABGROWN IGI LG462164591

Comments: This Laboratory Grown Diamond was created by Chemical Vapor Deposition (CVD) growth process and may include post-growth treatment.  
Type IIa

LABORATORY GROWN  
DIAMOND REPORT

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 described in this Report ("Report") has been graded, tested, analyzed, examined and/or inscribed by International Gemological Institute ("IGI") as a grown diamond. IGI's grading is based on the chemical, physical and optical properties of a mined diamond, with the exception of being grown by man (a manufactured product). IGI employs and utilizes those techniques and equipment currently available to IGI, including, without limitation, 10X magnification, corrected vision, and/or other optical aids, and the following instruments and/or processes: measuring device, Diamond Sure™, Diamond View™, Spectrophotometer and such other instruments and/or processes as deemed appropriate by IGI. This Report includes advanced security features. A duly accredited gemologist or jeweler can advise you with regard to the importance of and interrelationship between cut, color, clarity and carat weight.

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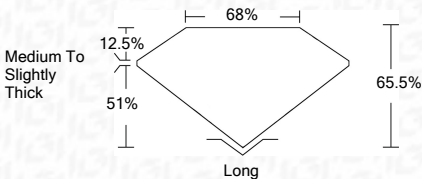
Diagram illustrating the geometry of a diamond anvil cell (DAC) cross-section. The diamond is labeled "Long" at the bottom. The vertical distance from the top flat surface to the bottom flat surface is labeled "65.5%". The horizontal distance from the center vertical axis to the right edge of the top flat surface is labeled "68%". The vertical distance from the top flat surface to the point where the diamond tapers is labeled "12.5%". The vertical distance from the bottom flat surface to the point where the diamond tapers is labeled "51%". The text "Medium To Slightly Thick" is positioned to the left of the diamond.

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

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[illegible]