Guaranteed Lab Grown Diamond Grading Certificate

Identification Data

March 10, 2022

LAB GROWN DIAMOND
Certificate No: 320590129

Gemprint

Gemprint is the unique optical fingerprint for positive identification of your lab grown diamond. Register your lab grown diamond at www.Gemprint.com and receive insurance discounts up to 10%.



Laser Inscription:

The illustration depicts enlarged and approximate appearances of the inscriptions. Girdle laser inscribed "GROWN IN THE USA", "PAT. 6,858,078", GCAL Logo and "LG320590129"



GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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ISO/IEC 17025 2017
ANAB L2177-1 Accredited Testing Lab

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The 4Cs Grading Analysis

GCAL 320590129 — LAB GROWN DIAMOND*

Carat Weight:	0.75
Cut:	Very Good
Shape:	Emerald Step
Measurements:	6.19x4.59x3.06mm
Optical Brilliance:	Excellent
Optical Symmetry:	Good
Polish:	Very Good
External Symmetry:	Very Good
Girdle Thickness:	Medium-Sl.Thick
Culet Size:	None
Color:	F
Fluorescence:	None
Clarity:	VS2
Identifying Characteristic(s):	Cloud
Characteristic Location(s):	Crown Step

*Comments: This laboratory grown diamond was created by the CVD (Chemical Vapor Deposition) method, and has the same chemical, physical, and optical properties as a mined diamond. This diamond is Type IIa, which means it is devoid of nitrogen impurities. As Grown - No evidence of post-growth treatment was detected.

Photomicrographs:

Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



Light Performance Profile

Optical Brilliance Analysis:

Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance
Excellent

Optical Symmetry Analysis:

The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Good

Proportion Diagram:

The proportion diagram illustrates the actual dimensions as recorded by optical scanning technology.



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