

Identification Data



March 21, 2022
 LAB GROWN DIAMOND
 Certificate No: 320680083

Gemprint The fingerprint system for diamonds®



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

Laser Inscription



Girdle laser inscribed:
 GCAL LG320680083
 GROWN IN THE USA
 PAT. 6,858,078
 This illustration depicts the approximate appearance of the inscriptions

Certified
**SUSTAINABILITY RATED
 DIAMOND**
 SCS GLOBAL SERVICES

All certified diamonds come with an individual certificate, ONLY available at an accredited retailer



FOR THE SUSTAINABILITY RATED CERTIFICATE, SCAN HERE →

The 4Cs Grading Analysis

GCAL 320680083

LAB GROWN DIAMOND*

Carat Weight: 1.59

Cut: Very Good
 Shape: Pear Brilliant
 Measurements: 9.94x6.58x4.07mm
 Optical Brilliance: Excellent
 Optical Symmetry: Good
 Polish: Excellent
 External Symmetry: Very Good
 Girdle Thickness: SI.Thick-Thick
 Culet Size: None

Color: G
Fluorescence: None

Clarity: VS1
 Identifying Characteristic(s): Crystal/Feathers
 Characteristic Location(s): Table/Lower Girdle

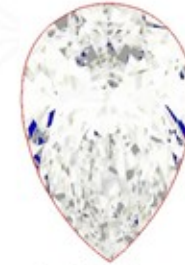
*Comments: This laboratory grown diamond was created by the CVD (Chemical Vapor Deposition) method, and has the same chemical, physical, and optical properties as a mined diamond. This diamond is Type IIa, which means it is devoid of nitrogen impurities. As Grown - No evidence of post-growth treatment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



GCAL GEM CERTIFICATION & ASSURANCE LAB
 ISO 17025 ACCREDITED FORENSIC LABORATORY

580 Fifth Ave LL-05
 New York, NY 10036
 T 212-869-8985
 GCALUSA.com



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