Guaranteed Lab Grown Diamond Grading Certificate

Identification Data

August 17, 2021

LAB GROWN DIAMOND
Certificate No: 271210124

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 "LAB GROWN" and "LG271210124"

GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

The 4Cs Grading Analysis

GCAL 271210124 — LAB GROWN DIAMOND*

Carat Weight:	0.71
Cut:	Excellent
Shape:	Round Brilliant
Measurements:	5.80-5.83x3.47mm
Hearts:	Excellent
Arrows:	Excellent
Optical Brilliance:	Excellent
Optical Symmetry:	Excellent
Polish:	Very Good
External Symmetry:	Very Good
Girdle Thickness:	Medium-SI.Thick
Culet Size:	None
Color:	H
Fluorescence:	None
Clarity:	VS1
Identifying Characteristic(s):	Clouds/Feathers
Characteristic Location(s):	Table,Upper Girdle/Table,Pavilion

*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.

Photomicrographs:

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

Light Performance Profile

Hearts and Arrows:

Precision faceting is visualized as Hearts and Arrows when brilliant cut stones are viewed in specific lighting conditions. Each pattern is the result of facet placement and alignment.

Hearts
Excellent

Arrows
Excellent

Optical Light Performance:

A direct assessment of a diamond's light handling ability via actual photographs. Brilliance is the overall return of light to the viewer. The brilliance image shows the light return (white areas) and light loss (dark blue areas). The colored pattern of the symmetry image is a visual representation of the facet alignment.

Optical Brilliance
Excellent

Optical Symmetry
Excellent

Proportion Diagram:

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