#### Identification Data

September 19, 2016

Certificate Number

262580006



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:

Actual image of the inscription photographed at magnification greater than 10x Girdle laser inscribed "LAB GROWN" and "LG262580006"







580 Fifth Avenue, New York, NY 10036, T 212.869.8985 F 212.869.2315 www.DiamondlD.com, www.GemFacts.com, www.Gemprint.com

# The 4Cs Grading Analysis

GCAL 262580006 LAB GROWN DIAMOND\*

Carat Weight: 1.17

Cut:
Shape:
Measurements:
Polish:
External Symmetry:
Girdle Thickness:
Culet Size:

Very Good
Round Brilliant
6.76-6.84x4.16mm
Good
Medium
Mone

Color: H

Clarity: VS

Identifying Characteristic(s): Internal Growth Characteristic/ External Growth Characteristic

Characteristic Location(s): Throughout Crown/Upper Girdle

\*Comments: This man-made diamond was grown in a laboratory by the CVD method, and has the same chemical, physical, and optical properties as a natural earth mined diamond.

This lab grown diamond is classified as Type IIa, which is the most chemically pure type of diamond, and almost or entirely devoid of impurities. Only 1-2% of natural earth mined diamonds are Type IIa, whereas, colorless and near-colorless CVD lab grown diamonds are usually Type IIa.

## Photomicrographs:

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



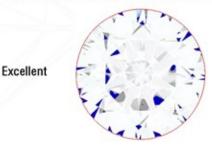


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# Light Performance Profile

# 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 Symmetry Analysis:

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



### Proportion Diagram:

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

