#### Identification Data

May 31, 2016

LAB GROWN DIAMOND

Certificate Number

261450015

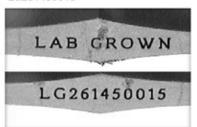


Gemprint is the unique optical fingerprint for positive identification of your lab grown diamond. Register your lab grown diamond at www.Gemprint.com and receive insurance discounts up to 10%.



### Laser Inscription:

Actual image of the inscription photographed at magnification greater than 10x Girdle laser inscribed "LAB GROWN" and "LG261450015"







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

#### The 4Cs Grading Analysis

GCAL 261450015 LAB GROWN DIAMOND\*

Carat Weight: 1.01

Cut:
Shape:
Round Brilliant
Measurements:
Polish:
Good
External Symmetry:
Girdle Thickness:
Culet Size:

Round Brilliant
6.36-6.38x4.04mm
Good
Thin-SI.Thick
None

Color: G

Clarity: VS

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

Characteristic Location(s):

Upper Girdle, Pavilion/ Upper Girdle, Bezel, Table

\*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.





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

Optical Brilliance Analysis:

Light Performance Profile

Excellent

## Optical Symmetry Analysis:

The colored areas of the symmetry image are indicators 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.

