## Identification Data



October 24, 2020

LAB GROWN DIAMOND Certificate No: 302900080

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", GCAL Logo and "LG302900080"





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## The 4Cs Grading Analysis

GCAL 302900080 LAB GROWN DIAMOND\*

Carat Weight: 0.74

Cut: Excellent Oval Brilliant Shape: Measurements: 7.12x5.24x3.14mm Optical Brilliance: Excellent Optical Symmetry: Very Good Polish: Very Good External Symmetry: Very Good Girdle Thickness: Medium-Thick Culet Size: None

Color: Fluorescence: None

Clarity: Identifying Characteristic(s) Characteristic Location(s):

VS2 Clouds Table-Upper Girdle, Table, Bezel

\*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 diamond is Type IIa, which means it is devoid of nitrogen impurities.

Photomicrographs:

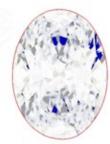
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.





## 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

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

Proportion Diagram:

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

