GIA

GIA REPORT
2221835758

Verify this report at GIA.edu

GIA NATURAL DIAMOND GRADING REPORT

November 26, 2024

GIA Report Number	2221835758
Shape and Cutting Style	Oval Brilliant
Measurements	13.98 x 9.88 x 5.83 mm

GRADING RESULTS

Carat Weight	5.12 carat
Color Grade	H
Clarity Grade	Internally Flawless

ADDITIONAL GRADING INFORMATION

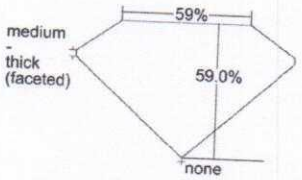
Polish	Excellent
Symmetry	Excellent
Fluorescence	None

Inscription(s): GIA 2221835758

Comments: Minor details of polish are not shown.

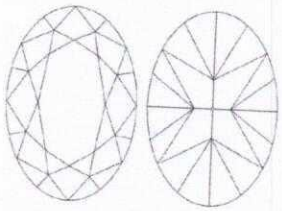
GIA.edu

PROPORTIONS



Profile not to actual proportions

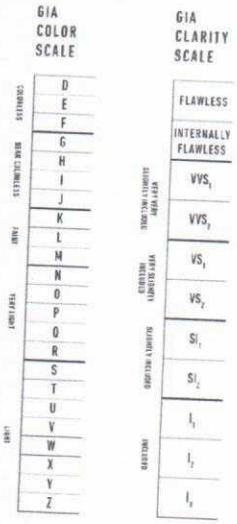
CLARITY CHARACTERISTICS



FACSIMILE

This is a digital representation of the original GIA Report. This representation might not be accepted in lieu of the original GIA Report in certain circumstances. The original GIA Report includes certain security features which are not reproducible on this facsimile.

GRADING SCALES



The results documented in this report refer only to the diamond described, and were obtained using the techniques and equipment available to GIA at the time of examination. This report is not a guarantee or valuation. For additional information and important limitations and disclaimers, please see GIA.edu/terms or call +1 800 421 7250 or +1 760 603 4500.

reportcheck.gia.edu

THE SECURITY FEATURES IN THIS DOCUMENT INCLUDE THE HOLOGRAM, SECURITY SCREEN AND MICROPRINT LINES. IN ADDITION TO THOSE NOT LISTED, FACSIMILE DOCUMENT SECURITY IMPROVES CONTINUALLY.

GIA®

Gemological Institute of America, Inc.
5355 Armada Drive
Carlsbad, CA 92008 USA
T +1 760 603 4500
F +1 760 603 1814
E labservice@gia.edu
GIA.edu

November 26, 2024

DIAMOND TYPE CLASSIFICATION FOR GIA DIAMOND GRADING REPORT #2221835758

Scientists classify diamonds into two main "types" - type I and type II - based on the presence or absence of nitrogen which can replace carbon atoms in a diamond's atomic structure. These two diamond types can be distinguished on the basis of differences in their chemical and physical properties. Type II diamonds contain little if any nitrogen and they are subdivided into two groups (IIa and IIb) both of which are quite rare (less than 2% of all gem diamonds).

According to the records of the GIA Laboratory, the 5.12 carat Oval Brilliant diamond described in GIA Diamond Grading Report #2221835758 has been determined to be a **type IIa** diamond. Type IIa diamonds are the most chemically pure type of diamond and often have exceptional optical transparency. Type IIa diamonds were first identified as originating from India (particularly from the Golconda region) but have since been recovered in all major diamond-producing regions of the world.

Among famous gem diamonds, the 530.20 carat Cullinan I and the 105.60 carat Koh-i-noor are examples of type IIa.