

GIA NATURAL DIAMOND GRADING REPORT

January 03, 2024
 GIA Report Number 2231161065
 Shape and Cutting Style Pear Brilliant
 Measurements 13.59 x 8.10 x 4.52 mm

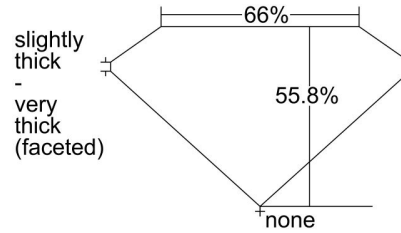
GRADING RESULTS

Carat Weight 3.04 carat
 Color Grade D
 Clarity Grade VS2

ADDITIONAL GRADING INFORMATION

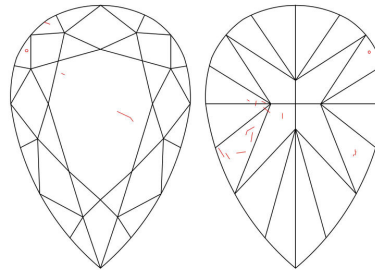
Polish Excellent
 Symmetry Excellent
 Fluorescence None
 Inscription(s): GIA 2231161065

PROPORTIONS



Profile not to actual proportions

CLARITY CHARACTERISTICS



KEY TO SYMBOLS*

-  Feather
-  Crystal
-  Needle

* Red symbols denote internal characteristics (inclusions). Green or black symbols denote external characteristics (blemishes). Diagram is an approximate representation of the diamond, and symbols shown indicate type, position, and approximate size of clarity characteristics. All clarity characteristics may not be shown. Details of finish are not shown.

GRADING SCALES

GIA COLOR SCALE		GIA CLARITY SCALE	
COLOURLESS	D	VERY VERY SLIGHTLY INCLUDED	FLAWLESS
	E		INTERNALLY FLAWLESS
	F		VVS ₁
NEAR COLOURLESS	G	VERY SLIGHTLY INCLUDED	VVS ₂
	H		VS ₁
	I		VS ₂
FANT	J	SLIGHTLY INCLUDED	SI ₁
	K		SI ₂
	L		I ₁
VERY LIGHT	M	INCLUDED	I ₂
	N		I ₃
	O		
LIGHT	P		
	Q		
	R		
	S		
	T		
	U		
	V		
W			
X			
Y			
Z			



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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. ©2023 Gemological Institute of America, Inc.

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DIAMOND TYPE CLASSIFICATION FOR GIA DIAMOND GRADING REPORT #2231161065

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 3.04 carat Pear Brilliant diamond described in GIA Diamond Grading Report #2231161065 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.

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