



GIA REPORT
2245044466

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GIA NATURAL DIAMOND GRADING REPORT

August 19, 2026
GIA Report Number 2245044466
Shape and Cutting Style Emerald Cut
Measurements 10.65 x 6.64 x 4.31 mm

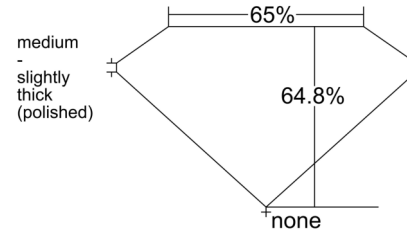
GRADING RESULTS

Carat Weight 3.01 carat
Color Grade D
Clarity Grade Internally Flawless

ADDITIONAL GRADING INFORMATION

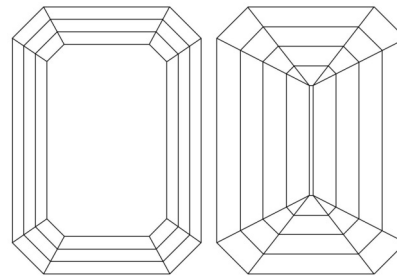
Polish Excellent
Symmetry Very Good
Fluorescence None
Inscription(s): GIA 2245044466
Comments: Minor details of polish are not shown.

PROPORTIONS



Profile not to actual proportions

CLARITY CHARACTERISTICS



GRADING SCALES

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



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DIAMOND TYPE CLASSIFICATION FOR GIA DIAMOND GRADING REPORT #2245044466

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 3.01 carat Emerald Cut diamond described in GIA Diamond Grading Report #2245044466 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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