



Comparing Natural and Lab-Grown Diamond

	Natural Diamond	Lab-Grown Diamond
Chemical Composition	Carbon	Carbon
Crystalline Structure	Cubic	Cubic
Refractive Index	2.42	2.42
Fire (Dispersion)	0.044	0.044
Hardness	10	10
Density	3.52	3.52
Polish	Diamond powder	Diamond powder



SGL SWITZERLAND

GEMOLOGICAL REPORT

July 27, 2025
Description

SGL Report Number J16217070
Type of jewelry Jewelry
Material "14" Karat Yellow Gold
Total Carat Weight 4.60 CT.
Total Weight 13.51 GR.
Stamp "585"

Center Stone

Stone Type Laboratory Grown Diamonds
Shape and Cutting Style Round Brilliant
Carat Weight 222 Pieces / 4.60 CT.
Color Grade D - E
Clarity Grade VVS1 - VVS2
Cut Grade Excellent - Very Good.

Comments

"EXCELLENT IDEAL FINISH" - The quality of the finish of this jewelry achieves Excellence in symmetry of proportions Tested and graded as mounting permits. Grades and weights might be approximate.

"LABORATORY GROWN DIAMOND" - is man-made but features the same optical and physical properties as a natural diamond including its chemical composition, refractive index 4Cs.

Estimated Retail Price: 5,500.00 \$

SGL COLOR SCALE	SGL CLARITY GRADE	SGL CUT SCALE
D E F G H I J K L M N O P Q R S T U V W X Y Z	FLAWLESS INTERNALLY FLAWLESS VVS1 VVS2 VS1 VS2 SI1 SI2 SI3 I1 I2 I3	EXCELLENT VERY GOOD GOOD FAIR POOR

100% Diamond

Conflict Free Diamond



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ONLINE VERIFICATION AT WWW.SGLLABS.COM

The result documented in this report refer only to the diamond described and was obtained using techniques and equipment available to SGL at the time of examination. This report is not a guarantee or valuation. For additional information and important limitation and disclaimers, please visit SGLLABS.COM.



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