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

*February 02, 2021*

## *Description*

*SGL Report Number* ..... J8467293

*Type of jewelry* ..... Jewelry

*Material* ..... "14" Karat Yellow Gold

*Total Carat Weight* ..... 0.52 CT.

*Total Weight* ..... 2.21 GR.

*Stamp* ..... "585"

## *Center Stone*

*Stone Type* ..... Laboratory Grown Diamond

*Shape and Cutting Style* ..... Round Brilliant

*Carat Weight* ..... 0.52 CT.

*Color Grade* ..... G

*Clarity Grade* ..... VVS1

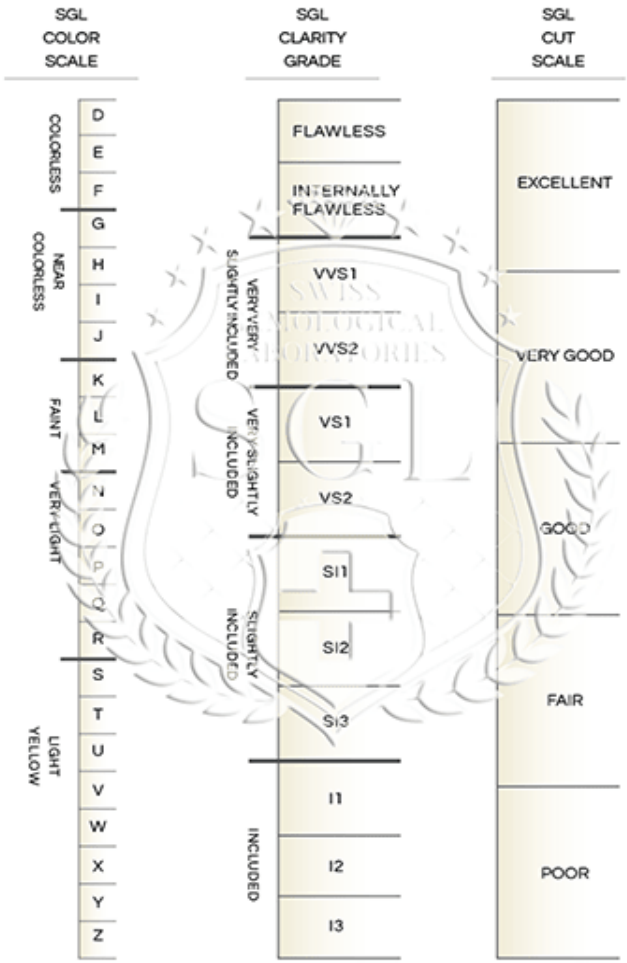
*Cut Grade* ..... Excellent

## *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. The only difference is point of origin as one is grown above ground while the other is extracted from the ground.*




*100% Diamond*

***Conflict Free Diamond***

SGL SWITZERLAND

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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