DGA®
Detayart Gemmology Academy

JEWELLERY GRADING REPORT

Date	:	25.02.2026
Report No	:	JR-YZ05200-238
Shape and Cutting Style	:	Emerald
Description	:	Emerald

GRADING RESULT

Carat Weight	:	5.02 ct
Stone Pieces	:	1
Measurements	:	
Color Grade	:	
Clarity Grade	:	
Cut Grade	:	

ADDITIONAL GRADING INFORMATION

Polish	:	
Symmetry	:	

PRODUCT INFORMATION

Total Gram Weight	:	11.06 gr
Gold Standart	:	18K
Gold Color	:	White and Yellow Gold
Jewel Type	:	Ring

COMMENTS

Digital Certificate

Can GÜRLER
DGA (Detayart Gemmology Academy)
Gemologist

DGA REPORT

JR-YZ05200-238

Verify this report at **dgalab.com**

JEWELLERY VIEW 1



JEWELLERY VIEW 2



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Detayart Gemmology Academy

SIDE STONES

Stone Type	Weight	Shape	Color Grade	Clarity Grade	Pieces
Natural Diamond	3.16 ct	Marquise	H	VS	18
TOTAL	8.18 ct				19

APPROVAL AUTHORITY

This Report is provided upon request of the customer and / or the owner of the diamond. It is not a guarantee, valuation or appraisal of any kind.

The Report only contains the characteristics of the diamond at the time of the examination. DGA has made no representation or warranty regarding this Report or the value of the diamond described herein.

The recipient of this Report may wish to consult a credentialled jeweler or gemologist about the information contained herein.

IMPORTANT LIMITATIONS ON BACK

INTERNATIONAL GEMOLOGICAL INSTITUTE

COLORED STONE REPORT ELECTRONIC COPY

February 4, 2022

IGI Report Number	508135802
Species	NATURAL BERYL
Variety	EMERALD
Shape and Cutting Style	EMERALD CUT
Weight	5.02 CARATS
Measurements	12.07 x 8.86 x 6.31 mm
Color and Transparency	GREEN, TRANSPARENT
Characteristics	NATURAL INCLUSION(S) PATTERN

Comments:
Indications of moderate clarity enhancement with Oil

Photography is approximate



OPTICAL and PHYSICAL PROPERTIES

Refractive Index	1.577 - 1.583
Birefringence	0.006
Optic Character	UNIAXIAL
Optic Sign	-
Specific Gravity	2.72

Optical and physical properties are approximate values

www.igi.org

Species & Variety

Gems may be classified in different species, according to their basic chemical composition and crystal structure; within a certain species, small differences in composition may result in different colors, or varieties.

The way that light interacts with the gem may create some astonishing optical phenomena, such as a star, a cat's eye effect or change of color, in different varieties

Transparency

As light passes through a gemstone, part of it, if not all, will be absorbed, and part will be transmitted. The more light that is absorbed the less transparent the stone will be.

Characteristics

Internal characteristics are the fingerprints of a gemstone. Not only do they provide essential information about the formation, but also the possible geological and geographical region where they originate from. Sometimes they also provide information about whether the gemstone has been treated.

Refractive Index

When light passes through air and enters a gemstone it slows down due to a difference in the medium. The ratio between the speed of light in air and in a particular medium is known the Refractive Index.

Optic Character

Determining how light travels through the crystal. Using a range of specialized instruments, we will be able to establish if the stone is isotropic or anisotropic, uniaxial or biaxial.

Specific Gravity

Specific gravity is the ratio of the density of the gemstone to the density of an equal volume of water.

All IGI Laboratories employ a wide range of state-of-the-art equipment, like FTIR and Raman spectrometers, all of which give a unique spectral graph for different gemstones. They can reveal the species of the gemstone, treatments and, at times, even the geographic origin.

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