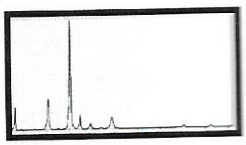
GLA
Gemological Laboratory of America
International Jewelry Center Building
550 S. Hill Street, Suite 855
Los Angeles, CA 90013

Date: 10/22/2018 **PREMIERE PLUS Appraisal** **102218-LC-AAB5-VGM**

LOOSE GEMSTONE

Species/Variety	**Natural Color Change Zultanite (Diaspore)**
Quantity:	**1**
Carat Weight:	**34.20 cts**
Origin	
Origin:	**Turkey Anatolian Mountains**
Measurements	
Shape:	**Oval (Faceted)**
Measurements:	**31.18x16.88x8.19 mm**
Finish	
Polish:	**9 - Excellent**
Finish:	**7 - Very Good**
Clarity/Color Factors	
Clarity Type:	**II=may include eye-visible features**
Hue:	**Teal Green**
Secondary:	**Multi-Colored**
Transparency:	**Transparent**
Tone:	**Medium**
Saturation:	**Vivid-Bright**
Phenomena:	**Color Change**
Standard Test Results	
Refractive Index:	**1.70-1.75**
Specific Gravity:	**3.40**



Zultanite Mined In Only One Place On Earh (Turkey) Is An Extremely Rare Variety Of The Mineral Diaspore. This Mineral May Feature Color Changing/Color Shifting Phenomena Similar To Alexandrite Or Color Shift Sapphires.

Grading Results

	Fine + 10 +	Ex-Fine 10	Excellent 9	Ex-VG 8	Very Good 7	VG-Good 6	Good 5	Good-Fair 4	Fair 3	Fair-Comm 2	Com 1
Overall Quality Grade											
Clarity Grade											
Color Grade											

Spectrometer Results

390-400 (Band)	390		
437-475 (Line)		437	
692 (Doublet)			692

ESTIMATED RETAIL REPLACEMENT VALUE: (USD) $138,250.00

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Instruments Utilized by GLA Gemologists:
GLA utilizes CRG-Certified Rare Gems Laboratory to perform Jewelry and Loose Gemstone Evaluations to derive Appraisal Values. Clients decide which appraisal value they deem necessary for their individual purposes during submission of projects i.e Wholesale, Fair Market, Retail Replacement Values within the City of Los Angeles, State of California marketplace. All or some of the proceeding Gemological Instruments may have been utilized during the examination of the subject designated on this report: Binocular Microscope, Electronic & Digital Microscope, GIA Master Comparison Diamond Color Grading Set, Electronic Carat Weight Balancing Scale, Synthetic & CVD-HPHT Diamond Detection Device, Sarin Technologies & OGI Megascope 3-Channel Non-Contact Diamond Proportion Measuring Device, Chatham Spectrometer, GL Gem Spectrometer, GL Gem Raman Spectrometer, GL Gem VIS-NIR-400-950nm, MDM Spectrometer etc. GIA Mfd Instruments: Portable Complete Gem Lab, GIA LW & SW Ultraviolet Light Mechanism, GIA Refractometer, GIA Polariscope, GIA Filter Optic Illumination, GIA Diamond Color Grader, GIA Specific Gravity Liquid Set, Electronic Gold & Platinum Testing Instrument.
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the color. Such stones do not exhibit residual radioactivity. and gives additional strength to the item.