



# GEMOLOGICAL TESTING CENTER

## TANZANITE GRADING REPORT

**Date:** September 10, 2007  
**Report No.:** SAMPLE

All items are tested by at least two professional gemologists of the AGTA Gemological Testing Center. Where applicable, reports comply with the standardized language and criteria of the Laboratory Manual Harmonization Committee (LMHC); results are subject to the terms and limitations on the reverse, which is an integral part of all reports.

Item Description:

**Loose stone**

Number of gems examined:

**1**

Color:

**Blue**

Transparency:

**Transparent**

Weight:

**56.31 ct**

Dimensions:

**25.93 x 21.20 x 15.37 mm**

Shape:

**Oval**

Cut:

**Fancy**

Enhancement:

**See reverse**



Species:

**NATURAL ZOISITE**

Variety:

**TANZANITE**

Origin:

**TANZANIA**

Sample Only

### Grading

#### Color

Hue Position			Saturation					
vB	bV	E (+)	Exceptional	Vivid	Intense	Moderate	Light	Pale
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Clarity

Eye Clean	Slightly Included	Moderately Included	Heavily Included
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Cut

Excellent	Very Good	Good	Fair
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Instruments/Tests Used

Dichroscope	<input checked="" type="checkbox"/>	Hand Spectroscope	<input checked="" type="checkbox"/>	Raman Spectrometer	<input type="checkbox"/>
EDXRF	<input type="checkbox"/>	Hot Point	<input type="checkbox"/>	Refractometer	<input checked="" type="checkbox"/>
Fiber-Optic Light	<input checked="" type="checkbox"/>	LIBS	<input type="checkbox"/>	Specific Gravity	<input type="checkbox"/>
Filters	<input checked="" type="checkbox"/>	Microscope	<input checked="" type="checkbox"/>	UV Fluorescence	<input checked="" type="checkbox"/>
FTIR Spectrophotometer	<input type="checkbox"/>	Polariscope	<input checked="" type="checkbox"/>	UV/Vis/NIR Spectrophotometer	<input type="checkbox"/>
Grading Lamp	<input checked="" type="checkbox"/>	Radiography	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>

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**THE AUTHORITY IN COLOR™**

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