



# AGTA GEMOLOGICAL TESTING CENTER

## IDENTIFICATION REPORT

Date: July 29, 2005  
Report No. 97017608

The item described below has been examined by at least two professional staff gemologists of the AGTA Gemological Testing Center. The results of the examination are presented here subject to the limitations printed on the reverse of this report.

### Item Description:

Loose stone

Number of gems examined: 1

Color: **Orangish red**

Transparency: **Transparent**

Weight (ct): **3.50**

Dimensions (mm): **10.95 x 8.88 x 5.08**

Shape: **Octagonal**

Cut: **Step - cut**

Enhancement: **None**



Group: **NATURAL FELDSPAR**

Species: **NATURAL PLAGIOCLASE**

Variety: **NATURAL ANDESINE**

Comments:

The reverse of this page is an integral part of the report, it contains important information that may help in the interpretation of the information on this side.

John I. Koivula

Gary Du Toit

For and on behalf of the

American Gem Trade Association Gemological Testing Center

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Tests Carried Out to Establish the Identity of the Feldspar Described Herein

Refractive index	Specific gravity	Hardness	Spectroscope	Microscope	Polariscope	FTIR	Other
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Holography	Raman	UV/Vis/IR	Image spec	SPD	EDXRF		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

The examination of all gemstones involves procedures that may establish if a treatment has been applied. It is a policy of AGTA-GTC that all detectable treatments shall be featured on the front of reports. However, it is acknowledged that some treatments commonly applied to gem materials are not currently detectable. Some of the treatments and the gemstones involved are listed below.

<u>Stone type</u>	<u>Method</u>
Beryl	Heat Irradiation
Calcite (marble)	Irradiation
Chalcedony	Heat Dye Irradiation
Fluorite	Heat Irradiation
Jadeite	Dye, (purple)
Quartz	Heat Irradiation
Spodumene	Heat Irradiation
Topaz	Heat Irradiation
Tourmaline	Heat Irradiation
Zircon	Heat
Zoisite	Heat

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