



AGTA GEMOLOGICAL TESTING CENTER

IDENTIFICATION REPORT

Date: October 13, 2006
Report No. 10008209
DUPLICATE

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: **Reddish orange**
Transparency: **Transparent**
Weight (ct): **2.84**
Dimensions (mm): **12.03 x 8.10 x 5.03**



Shape: **Oval**
Cut: **Fancy**
Enhancement: **None**

Group: NATURAL FELDSPAR

Species: NATURAL PLAGIOCLASE

Variety: NATURAL LABRADORITE

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

Garry Du Toit

Tests Carried Out to Establish the Identity of the Feldspar Described Herein						
Refractive index <input checked="" type="checkbox"/>	Specific gravity <input type="checkbox"/>	Hand spectroscope <input checked="" type="checkbox"/>	Microscope <input checked="" type="checkbox"/>	Polariscope <input checked="" type="checkbox"/>	FTIR <input type="checkbox"/>	Other <input checked="" type="checkbox"/>
Radiography <input type="checkbox"/>	Raman <input type="checkbox"/>	UV/vis/NIR <input type="checkbox"/>	Image spec <input type="checkbox"/>	XRD <input type="checkbox"/>	EDXRF <input type="checkbox"/>	

For and on behalf of the

American Gem Trade Association Gemological Testing Center

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

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