



AGTA GEMOLOGICAL TESTING CENTER

IDENTIFICATION REPORT

Date: January 20, 2006
Report No. 91011409

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):

7.41

Dimensions (mm):

13.06 x 13.02 x 7.94

Shape:

Cushion

Cut:

Fancy

Enhancement:

None



Group:

NATURAL FELDSPAR

Species:

NATURAL PLAGIOCLASE¹

Comments:

¹ Based on values determined through gemological tests this material lies at the andesine/labradorite boundary.

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

Riccardo Beni

For and on behalf of the

Tests Carried Out to Establish the Identity of the Feldspar Described Herein						
Refractive index	Specific gravity	Hard spectroscopy	Microscope	Polariscope	FTIR	Other
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Radiography	Raman	UV/Visible	Image spec.	XRD	EDS/EP	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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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