

GEMOLOGICAL TESTING CENTER

RUBY IDENTIFICATION REPORT

Date: May 6, 2009
Report No. 95002412

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:

Center stone in ring (see photo)

Number of gems examined: 1
 Color: Red
 Transparency: Transparent
 Client declared weight of stone (ct): 6.07
 Gross weight of ring (gm): 10.51
 Approximate dimensions (mm): 12.54 x 9.91 x 5.54

Shape: Oval
 Cut: Mixed, brilliant crown
 Enhancement: No indications of heating¹, NTE



Species: NATURAL CORUNDUM
Variety: NATURAL RUBY
Origin: TANZANIA²

Comments:

¹Corundum is usually heated to improve its appearance, unheated stones are unusual. ²The data obtained during the examination of this stone indicates that the probable geographic origin is as stated (see below for testing techniques). This report has been prepared in accordance with the standardized language and criteria set out by the Laboratory Manual Harmonization Committee (LMHC); see reverse.

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.

Dr. Lore Kiefert

Susan Paralusz

For and on behalf of the AGTA

| Tests Carried Out to Establish the Identity of the Ruby 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 type="checkbox"/> | FTIR <input checked="" 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 checked="" type="checkbox"/> | LIES <input type="checkbox"/> |