



GEM IDENTIFICATION REPORT

Report No.: 13.08.21.10227

Date: 3rd September 2013

Sample Type: 1 cut stone

Weight: 5.13 ct

Cut:

Modified brilliant/Step

Dimensions: 15.96 x 11.34 x 3.52 mm

Shape:

Pear

Colour:

Pinkish red



Magnification 1x

IDENTIFICATION RESULT

Species: NATURAL CORUNDUM

Variety: RUBY

Origin: Gemmological data indicate that the most probable geographic origin of this ruby is from: **Myanmar**

Comment(s):

Indications of heating with significant residue in fissures.
Minor filled cavities.

Remark(s):

Natural rubies and sapphires are commonly enhanced by heat to improve their colour and/or clarity, the results of which are stable and permanent.

Instruments Used for Identification

☒ Refractometer	☒ Polariscopes	☐ SG Balance	☒ Microscope
☐ Visual Spect.	☒ LW/SW UV Lamp	☒ UV/VIS/NIR Spect.	☒ FTIR Spect.
☒ EDXRF	☐ Laser Raman Spect.	☒ X-Radiography	☐ LIBS
☐ Diamond Tester	☐ Diamond view	☐ LA-ICP-MS	☒ Others

Please see the back side for additional information

The original report with signatures and the grand palace hologram is the only valid identification document.

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