



GEM IDENTIFICATION REPORT

Report No.:

13.08.21.10229

Date:

3rd September 2013

Sample Type:

1 cut stone

Weight:

5.23 ct

Cut:

Modified brilliant/Step

Dimensions: 15.80 x 11.53 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	☒ Polaroscope	☐ 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.

Thanong Leelawatanasuk

M.Sc. (Geology), Graduate Gemologist (GIA)



Pimtida Bupparenoo

B.Sc. (Gemology), CDG (HRD)