



Society of Gemmological Research s.r.l.

G E M S T O N E

Milan, 27/06/2012

TEST	C/4279C
RESULT:	NATURAL CORUNDUM RUBY
COLOUR:	RED
SHAPE AND CUT	OVAL
MASS:	4,19 ct.
DIMENSIONS:	9,75 x 9,00 x h 5,11 mm
TRASPARENCE:	TRANSPARENT
DENSITY:	4,00
REFRACTIVE INDEX:	1,772 – 1,766
BIREFRINGENCE:	0,006
OPTIC SIGNE:	NEGATIVE
UV FLUORESCENCE:	
nm 254:	NONE
nm 366:	MEDIUM
PLEOCHROISM :	DICHROIC

MICROSCOPE :

- fracture healed
- break
- thread-like crystals
- veils liquid

OTHER INSTRUMENTS:



COMMENTS:

Gemmological testing revealed characteristics consistent with those of RUBY originating from: Burma (opinion)

indications of heating TE 1 minor residue in fissures

G E M M O L O G I S T