


CUTTING STYLES



Cushion Oval Triangle Pear Round

GEMMOLOGICAL SPECIFICATIONS

Mineral Zoisite
Chem. Composition: $Ca_2 A1_3(SiO_4)(Si_2O_7)O(OH)$
Specific Gravity 3.35
Hardness 6-7
Refractive Index 1.691 – 1.700
Birefringence .008 - .013
Fluorescence UV light Inert (LW/SW)
Pliochroism Strong Trichroic
Optic character Biaxial positive

This certificate is the opinion of the grader at the specific time of inspection. It is not an evaluation. No evidence of structural or chemical changes have been detected due to assumed heat treatment .

GRADER
 Dr Petré Prins Ph.D Geology MBA
 Riana Courtis G.G. (GIA)
 Penny Murdock A.J.P., G.G. (GIA)
 Daniel van Niekerk A.J.P., G.G. (GIA)

Date: 01 November 2015

TANZANITE



GRADING CERTIFICATE

No. 4T00976

PRINS & PRINS
 Member of the Jewellery Council of
 South Africa

GRADING CERTIFICATE

Identification.....Natural Tanzanite.....

Origin.....Tanzania.....

Weight.....13.13ct.....

Shape.....Heart.....

Colour.....violetish Blue.....

Saturation.....Intense.....

Clarity.....Loupe Clean.....

Cut.....Very Good.....

Brilliance.....75%.....

Final Grade.....Premier Plus.....

EXPLANATION OF CERTIFICATE

WEIGHT 1 carat – 200mg = 100 points

COLOUR (HUE) The colour of Tanzanite is blue, violet or a combination thereof depending on the nature of the light source. The dominant colour in daylight is indicated in capitals.

SATURATION Is the intensity of the colour and described as either:

Vivid	Intense	Moderate	Light	Very Light
-------	---------	----------	-------	------------

The AAA notation is an equivalent grade as used by other labs.

CLARITY Indicates the amount of internal and external blemishes visible with the trained naked eye

Loupe Clean	eye clean	slightly included	included
-------------	-----------	-------------------	----------

CUT describes the quality of the stone's symmetry, its polish and proportions

Excellent	Very good	good	average
-----------	-----------	------	---------

BRILLIANCE the percentage of light reflected to the eye in the stone's face-up position

FINAL GRADE

Premier plus	Premier	Good	Average	Poor
--------------	---------	------	---------	------