

STANDARD TEST METHOD 4

IDENTIFICATION OF TRANSPARENCY OF FEI CUI (JADEITE JADE)

1.1 SCOPE

This Standard describes the method of identifying the degree of transparency of Fei Cui (Jadeite Jade).

1.2 APPLICATION

The transparency identification applies to items made from Fei Cui (Jadeite Jade) as received by the laboratory for testing.

1.3 DEFINITIONS

Degree of transparency:

| | |
|-------------|---|
| Transparent | Capable of transmitting light with little or no blur-out |
| Translucent | Capable of transmitting and diffusing light, but an object viewed through the test Fei Cui (Jadeite Jade) cannot be distinguished |
| Opaque | Incapable of transmitting light |

Mounted Fei Cui (Jadeite Jade): Fei Cui (Jadeite Jade) set singly, or in a group or cluster, on a piece of jewellery.

1.4 APPARATUS

The following apparatus is required:

A bright light source.

1.5 TEST ITEM

The identification of transparency is a single unit test for a whole piece of Fei Cui (Jadeite Jade) item in its entirety. Sampling of a number of Fei Cui (Jadeite Jade) items to represent a batch of Fei Cui (Jadeite Jade) products shall not be permitted.

1.6 PROCEDURE FOR IDENTIFICATION OF THE TRANSPARENCY OF FEI CUI (JADEITE JADE)

1.The test Fei Cui (Jadeite Jade) shall be cleaned scrupulously with a lint-free cloth

2.The major portion of the test Fei Cui (Jadeite Jade) shall be shined through by a bright light source.

3.The degree of transparency of the major portion of the test Fei Cui (Jadeite Jade) shall be identified and recorded.

1.7 EXPRESSION OF RESULTS

Not Applicable

1.8 TEST REPORT

The report shall affirm that the test was carried out in accordance with this Standard. The identification of transparency should be reported as far as possible with other Fei Cui (Jadeite Jade) test results such as polariscope examination, shape and cut identification, measurement of dimensions and weight, identification of colour, examination of fluorescence, Chelsea colour filter examination, determination of specific gravity & refractive index, infrared spectrum examination, magnification examination and spectroscopic examination. In general, the test report shall include but not be limited to the following:

- (a) Identification number of the Fei Cui (Jadeite Jade) item.
- (b) Date of test.
- (c) Standard method of identification of transparency
- (d) Name of person carrying out the test.
- (e) Name and signature of person responsible for testing