

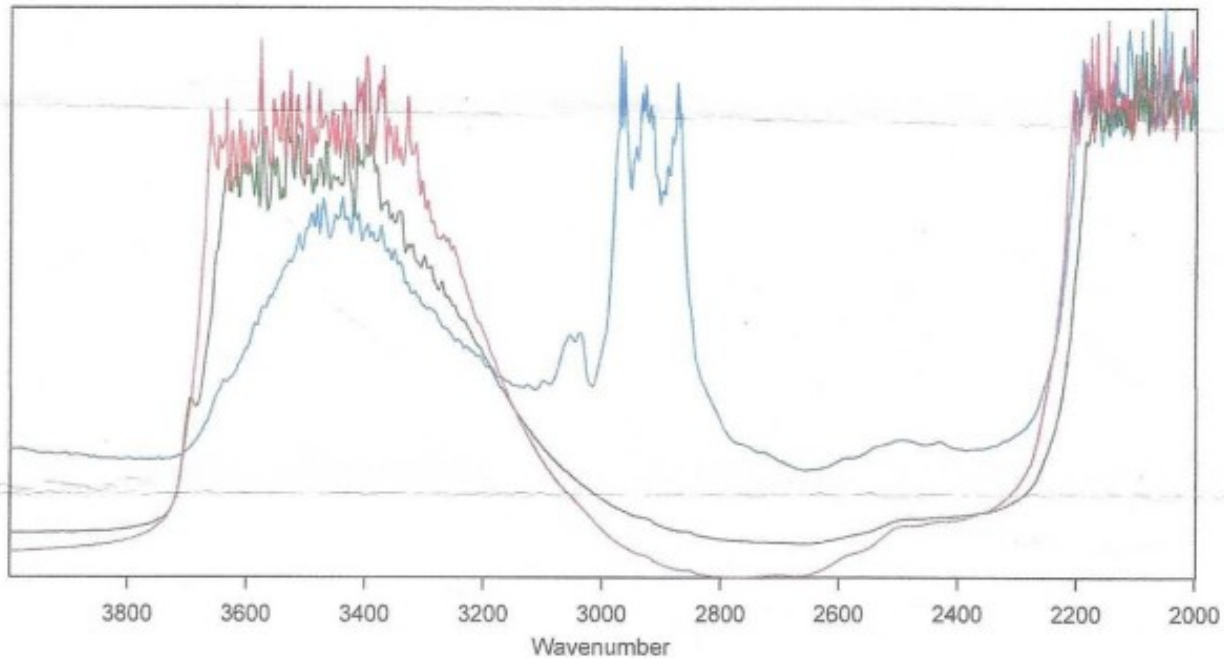


MASON - KAY

JADE LABORATORY INC.

Jadeite Authenticity Report

Sample Filename	180507-4852
File Title	~30.85 x 36.10 x 10.64mm green jade oval cabochon in white & yellow metal 'turtle' brooch (48.52grams)
Date	May 7, 2018



180507-4852 : ~30.85 x 36.10 x 10.64mm green jade oval cabochon in white & yellow metal 'turtle' brooch (48.52gram)

Known A Jade Sample : Type "A" known natural jadeite jade sample

Known B Jade Sample : Type "B" known polymer impregnated jadeite jade sample

NOTE: The presence of polymer produces a particular spike pattern in the hydrocarbon region of the spectrum - approximately 2800 to 3100 wavenumbers. Natural jadeite will have no such spike. Spiking outside this region is of no polymer significance.

Instruments used: Refractometer, Standard Spectroscopy, Infrared Spectroscopy

Conclusion: Natural Jadeite Jade - No Dye or Polymer Detected – 'A' Jade



2305 E. Arapahoe Road, Suite 115 • Centennial, CO 80122
800.722.7575 • 303.393.7575 • Fax 303.393.0201

