| Sample \# | Cost of Set /Shape | Weight | Variety | Treatment, (type of synthetic, producer ) | ID: Inclusions, LW/SW UV reaction Cross Polarized Filters, Spectrum |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SET III | \$125 |  |  |  |  |
| B007 | Trillion | 0.62 | Synthetic <br> Emerald | (Hydrothermal) | Inclusions: "Chevron" pattern, <br> LW: weak red SW: <br> none <br> CPF: DR (uniaxial pattern) <br> Spectrum: Cr lines |
| B008 | Oval mixed | 1.45 | Natural Emerald | Oiling | Inclusions: many crystals <br> LW: none $\mathbf{S W}$ : none <br> CPF: DR <br> Spectrum: Cr lines |
| B009 | Marquise | 0.59 | Synthetic <br> Emerald | (Flux) | Inclusions: clean) <br> LW: med red SW: <br> none CPF: DR <br> Spectrum : Cr lines |
|  | \$125 |  |  |  |  |
| B010 | Oval mixed | 0.15 | Synthetic Emerald | (Hydrothermal) | Inclusions: "Chevron" pattern <br> LW: weak red SW: <br> None <br> CPF: DR (uniaxial pattern) <br> Spectrum: Cr lines |
| B011 | Emerald | 0.45 | Synthetic Emerald | (Flux) | Inclusions: whitish thick flux <br> LW: Med red SW: <br> None <br> CPF: DR <br> Spectrum: Cr lines |
| B012 | Square Cushion | 0.62 | Synthetic Alexandrite | (Czochralski) | Inclusions: Curved striae, colour change LW: strong red SW: weak red CPF: DR Spectrum : Cr lines |
| SET VII | \$35 |  |  |  |  |


| B017 | Cushion <br> mixed | 3.21 | Treated <br> Ruby | Lead Glass <br> Filled | Inclusions: Rounded <br> glass-line crystals, blue <br> flashes <br> LW: med red SW: |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | med red CPF: <br> DR <br> Spectrum: Cr lines |  |

\(\left.$$
\begin{array}{|l|l|l|l|l|l|}\hline \text { B018 } & \begin{array}{l}\text { oval } \\
\text { mixed }\end{array} & 1.99 & \begin{array}{l}\text { Treated } \\
\text { Ruby }\end{array} & \begin{array}{l}\text { Lead Glass } \\
\text { Filled (Acid } \\
\text { Cleaned) }\end{array} & \begin{array}{l}\text { Inclusions: White } \\
\text { fractures after cleaning, } \\
\text { blue flushes LW: Str } \\
\text { red SW: weak red } \\
\text { CPF: AGG }\end{array}
$$ \\
(aggregate) \\

Spectrum : Cr lines\end{array}\right]\)| SET VIII |
| :--- |
| B019 |

\(\left.\left.$$
\begin{array}{|l|l|l|l|l|l|}\hline \text { BO24 } & \begin{array}{l}\text { Square } \\
\text { cab }\end{array} & 4.97 & \begin{array}{l}\text { Jadeite } \\
\text { Jade }\end{array} & \begin{array}{l}\text { Polymer } \\
\text { Impregnated } \\
\text { ("B Jade) }\end{array} & \begin{array}{l}\text { Inclusions: Granular } \\
\text { Structure } \\
\text { LW: weak greenyellow } \\
\text { SW: none }\end{array} \\
\text { CPF: AGG }\end{array}
$$\right] \begin{array}{l}(aggregate) \\

Spectrum : Cr lines\end{array}\right]\)| SET XI |
| :--- |


|  |  |  |  | ("B Jade) | LW: weak greenyellow <br> SW: none <br> CPF: AGG <br> (aggregate) <br> Spectrum : Cr lines |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SET XII | \$65 |  |  |  |  |
| B027 | Oval Cab | 14.62 | Jadeite Jade | Nat Colour Medium wax ("A Jade) | Inclusions: Granular Structure <br> LW: weak yellow <br> SW: none <br> CPF: AGG <br> (aggregate) <br> Spectrum: Cr lines |
| B028 | Oval Cab | 5.78 | Jadeite Jade | Polymer impregnated + Dyed ("B +C Jade) | Inclusions: <br> Concentration of colour in fracture <br> LW: weak yellowish green <br> SW: none <br> CPF: AGG <br> (aggregate) <br> Spectrum : Cr lines |
| SET XIV | \$65 |  |  |  |  |


| B031 | Oval Cab | 12.97 | Jadeite Jade | Nat Colour <br> Medium wax <br> ("A Jade) | Inclusions: Granular <br> Structure <br> LW: weak yellow in <br> fracture SW: none <br> CPF: AGG <br> (aggregate) <br> Spectrum: Cr lines |
| :--- | :--- | :--- | :--- | :--- | :--- |
| B032 |  |  |  |  |  |
|  | Marquise |  |  |  |  |
| Cab | 2.62 | Jadeite |  |  |  |
| Jade |  | Polymer <br> impregnated + <br> Dyed <br> ("B +C Jade) | Inclusions: <br> Concentration of colour <br> in Fracture LW: weak <br> yellowgreen <br> SW: none <br> CPF: AGG |  |  |
| (aggregate) |  |  |  |  |  |
| Spectrum : Cr lines |  |  |  |  |  |

