

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 Emerald	(Hydrothermal)	Inclusions: "Chevron" pattern, LW: weak red SW: none CPF: DR (uniaxial pattern) Spectrum: Cr lines
B008	Oval mixed	1.45	Natural Emerald	Oiling	Inclusions: many crystals LW: none SW: none CPF: DR Spectrum: Cr lines
B009	Marquise	0.59	Synthetic Emerald	(Flux)	Inclusions: clean) LW: med red SW: none CPF: DR Spectrum: Cr lines
	\$125				
B010	Oval mixed	0.15	Synthetic Emerald	(Hydrothermal)	Inclusions: "Chevron" pattern LW: weak red SW: None CPF: DR (uniaxial pattern) Spectrum: Cr lines
B011	Emerald	0.45	Synthetic Emerald	(Flux)	Inclusions: whitish thick flux LW: Med red SW: None CPF: DR 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 mixed	3.21	Treated Ruby	Lead Glass Filled	Inclusions: Rounded glass-line crystals, blue flashes LW: med red SW: med red CPF: DR Spectrum: Cr lines

B018	oval mixed	1.99	Treated Ruby	Lead Glass Filled (Acid Cleaned)	Inclusions: White fractures after cleaning, blue flushes LW: Str red SW: weak red CPF: AGG (aggregate) Spectrum: Cr lines
SET VIII	\$65				
B019	Oval mixed	8.38	Treated Ruby	Lead Glass Filled	Inclusions: Rounded glass-line crystals, blue flashes LW: str red SW: weak red CPF: DR Spectrum: Cr lines
B020	Cushion Mixed	10.16	Treated Ruby	Lead Glass Filled	Inclusions: White Fractures after cleaning LW: str red SW: weak red CPF: AGG (aggregate) Spectrum: Cr lines
SET X	\$95				
B023	Oval Cab	6.78	Jadeite Jade	Nat Colour Medium wax (" A Jade ")	Inclusions: Granular structure LW: weak -med yellow SW: none CPF: AGG (aggregate) Spectrum: Cr lines
B024	Square cab	4.97	Jadeite Jade	Polymer Impregnated (" B Jade ")	Inclusions: Granular Structure LW: weak green-yellow SW: none CPF: AGG (aggregate) Spectrum: Cr lines
SET XI	\$95				
B025	Round cab	8.37	Jadeite Jade	Nat Colour Small wax (" A Jade ")	Inclusions: Granular structure LW: None SW: None CPF: AGG (aggregate) Spectrum: Cr lines
B026	Oval cab	6.47	Jadeite Jade	Polymer Impregnated	Inclusions: Granular structure

				("B Jade)	LW: weak green-yellow SW: none CPF: AGG (aggregate) Spectrum: Cr lines
SET XII	\$65				
B027	Oval Cab	14.62	Jadeite Jade	Nat Colour Medium wax ("A Jade)	Inclusions: Granular Structure LW: weak yellow SW: none CPF: AGG (aggregate) Spectrum: Cr lines
B028	Oval Cab	5.78	Jadeite Jade	Polymer impregnated + Dyed ("B +C Jade)	Inclusions: Concentration of colour in fracture LW: weak yellowish green SW: none CPF: AGG (aggregate) Spectrum: Cr lines
SET XIV	\$65				
B031	Oval Cab	12.97	Jadeite Jade	Nat Colour Medium wax ("A Jade)	Inclusions: Granular Structure LW: weak yellow in fracture SW: none CPF: AGG (aggregate) Spectrum: Cr lines
B032	Marquise Cab	2.62	Jadeite Jade	Polymer impregnated + Dyed ("B +C Jade)	Inclusions: Concentration of colour in Fracture LW: weak yellow-green SW: none CPF: AGG (aggregate) Spectrum: Cr lines
SET XV	\$125				
B033	RBC	0.22	Nat Diamond	Nat colour	Inclusions: Crystals LW: strong blue SW: weak blue CPF: "interference pattern" Spectrum: Cape lines

B034	RBC	0.24	CVD-grown Diamond	(India)	Inclusions: clean LW: None SW: Very weak green CPF: parallel "IIa pattern Spectrum: 610, 737nm
SET XV	\$395				