

## Online Supplemental Materials 2

Summary table of materials archived for contamination knowledge analysis. Details on each component and how to request samples will be available at <https://curator.jsc.nasa.gov/> prior to OSIRIS-REx sample return.

Generic	Major Comp.	Description	Material Desc.	Sample Size
OR-MA-0001	OTES Instrument	Rotary actuator internal to OTES instrument	Lubricant; Christo-Lube MCG-117	~ 1 g
OR-MA-0002	Spacecraft	Solar array panel structural assy +y	Honeycomb Composite	10 cm <sup>2</sup>
OR-MA-0003	Spacecraft	Solar array panel structural assy -y	Honeycomb Composite	10 cm <sup>2</sup>
OR-MA-0004	SRC	Latch claw SRC	Aluminum	10 cm <sup>2</sup>
OR-MA-0005	SRC	Latch claw SRC	Aluminum	10 cm <sup>2</sup>
OR-MA-0006	SRC	Hinge toggle link - SRC	Aluminum	10 cm <sup>2</sup>
OR-MA-0007	SRC	Hinge drive toggle link - SRC	Aluminum	10 cm <sup>2</sup>
OR-MA-0008	SRC	Toggle link coupon	Aluminum	10 cm <sup>2</sup>
OR-MA-0009	SRC	Canister control link - SRC	Aluminum	10 cm <sup>2</sup>
OR-MA-0010	SRC	Bolt, SRC canister/avionics deck hinge assy	Stainless Steel	~ 1 inch
OR-MA-0011	SRC	Washer - SRC sample canister hinge assy	Stainless steel; CRES A286	~ 1 cm wide
OR-MA-0012	SRC	Washer coupon SRC sample canister hinge assy	Stainless steel; CRES A286	0.25"
OR-MA-0013	SRC	Braycote 601	Lubricant; Perflourinated Polyether	
OR-MA-0014	SRC	Braycote 601	Lubricant; Polyether; Perflourinated	
OR-MA-0015	SRC	SRC filter shell	Aluminum	~9.5 round x 2.5 cm high
OR-MA-0016	SRC	SRC filter shell	Aluminum	~9.5 round x 2.5 cm high
OR-MA-0017	SRC	SRC filter unit	Aluminum, filter, epoxy	~9.5 round x 2.5 cm high
OR-MA-0018	SRC	SRC filter unit	Aluminum, filter, epoxy	~9.5 round x 2.5 cm high
OR-MA-0019	SRC	SRC filter unit	Aluminum, filter, epoxy	~9.5 round x 2.5 cm high
OR-MA-0020	SRC	SRC filter unit	Aluminum, filter, epoxy	~9.5 round x 2.5 cm high
OR-MA-0021	Support Materials	Swab for possible ArcJet testing at Ames	Swab	2.5 " long
OR-MA-0022	OCAMS	Colorless First Contact	Polymer; cleaning solution	31 mm pellet cup
OR-MA-0023	OCAMS	Dow Corning DC 93-500	Epoxy - elastomer adhesive	31 mm pellet cup
OR-MA-0024	OCAMS	Nusil SCV1-2599	Epoxy - silicone adhesive	31 mm pellet cup (half)
OR-MA-0025	OCAMS	Braycote 602EF	Lubricant - braycote 602EF	3 ml syringe
OR-MA-0026	OCAMS	Nyebar	Lubricant - Nyebar fluorocarbon "epoxy"	60 ml bottle
OR-MA-0027	OCAMS	AEROGLAZE Z307	Paint; black paint	nine 2" x 2" squares
OR-MA-0028	OCAMS	Witness plates	glass witness plates	4" dia. metal can
OR-MA-0029	OCAMS	Epoxy used on witnesses	Epoxy - Scotchweld 2216B/A	in Aluminum pan
OR-MA-0030	OCAMS	Alion white paint	Paint; Z93C55 thermal control coating	nine 2" x 2" squares
OR-MA-0031	SRC	braided shielding coupon; sample canister hinge assembly	Stainless steel; 316L; LM- DB10911B-0025	~ 10 inch

<b>OR-MA-0032</b>	TAGSAM	outer pogo tube coupon; sampler arm pogo subassembly	Aluminum 6061-T6	~ 2 cm long section
<b>OR-MA-0033</b>	TAGSAM	wrist motor fitting assembly coupon; wrist drive assembly	Aluminum 6061-T652	10 cm <sup>2</sup>
<b>OR-MA-0034</b>	SRC	EMI gasket; sample canister hinge assembly	beryllium copper	~ 6" long, 0.25" diam.
<b>OR-MA-0035</b>	TAGSAM	driven shaft coupon; wrist drive assembly	Stainless steel; A386-CRES	~ 3.5 cm long
<b>OR-MA-0036</b>	SRC	avionics deck connector bracket coupon	Aluminum	10 cm <sup>2</sup>
<b>OR-MA-0037</b>	TAGSAM	driven gear key (-022); wrist drive assembly	Stainless steel; A386-CRES	~ 3.125 cm long
<b>OR-MA-0038</b>	TAGSAM	washer coupon; wrist drive CRES	Stainless steel; CRES-NAS620C4	No.4, 0.032" thick
<b>OR-MA-0039</b>	TAGSAM	set screw coupon; wrist drive assembly	Steel-AN565FC428H8	~ 1 cm long
<b>OR-MA-0040</b>	SRC	tray assembly (-107); capture ring assembly	Aluminum alloy; 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0041</b>	SRC	tang bracket assembly (-104); tang assembly	Aluminum	10 cm <sup>2</sup>
<b>OR-MA-0042</b>	SRC	spring mandrel (-109); deployable witness plate assembly SRC	Aluminum	10 cm <sup>2</sup>
<b>OR-MA-0043</b>	SRC	LH spring (-111); deployable witness plate assembly SRC	Stainless steel	~ 1" long
<b>OR-MA-0044</b>	TAGSAM	wrist end fitting assembly (-504); wrist drive assembly	Aluminum 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0045</b>	SRC	retainer clip deployed (-107); sample canister top assembly	Stainless steel	10 cm <sup>2</sup>
<b>OR-MA-0046</b>	TAGSAM	washer coupon; wrist drive assembly	Stainless steel; CRES - NAS620C4	0.209" OD, 0.032" thick
<b>OR-MA-0047</b>	TAGSAM	screw coupon; wrist drive assembly	Stainless steel; A286-CRES, NAS1352N04-8	~1.5 cm long
<b>OR-MA-0048</b>	TAGSAM	washer coupon; wrist drive assembly	Stainless steel; 300 CRES - NAS620CAL	~0.5 cm wide
<b>OR-MA-0049</b>	TAGSAM	nut coupon; wrist drive assembly	Stainless steel; CRES	~ 1 cm top diameter
<b>OR-MA-0050</b>	SRC	locking nut coupon; SRC hinge assembly	Stainless steel; CRES, MS21043-3	0.1900" od
<b>OR-MA-0051</b>	TAGSAM	screw coupon; wrist assembly; CRES-NAS1352N04-4	Stainless steel; CRES-NAS1352N04-4	0.8 cm long
<b>OR-MA-0052</b>	SRC	SRC washer coupon; SRC hinge assembly	Stainless steel; A286 CRES NAS1149E0363R	0.438" OD
<b>OR-MA-0053</b>	TAGSAM	driven shaft spacer coupon (-014); wrist drive assembly	Stainless steel; A386-CRES	~ 2.5 cm long, ~ 1 cm diameter
<b>OR-MA-0054</b>	TAGSAM	wrist end fitting key coupon (-021); wrist drive assembly	Stainless steel; A386-CRES	~ 8 cm long
<b>OR-MA-0055</b>	TAGSAM	detent pin coupon (-006); wrist drive assembly	Stainless steel; A386-CRES	~ 2 cm long
<b>OR-MA-0056</b>	Support Materials	AcrJet test piece S-01	PICA	flakes
<b>OR-MA-0057</b>	Support Materials	ArcJet test piece S-02	PICA	flakes
<b>OR-MA-0058</b>	Support Materials	ArcJet test piece S-03	PICA	flakes
<b>OR-MA-0059</b>	SRC	Washer coupon, SRC top assembly	Stainless steel; 300 CRES - NAS620C8L	~0.5 cm OD
<b>OR-MA-0060</b>	SRC	SRC canister coupon (-502), sample canister hinge assembly	Aluminum alloy; 7075-T7351	~13 cm x 3.5 cm
<b>OR-MA-0061</b>	TAGSAM	Driven Gear coupon (-006), wrist drive assembly	Stainless steel; 17-4 PH CRES	~ 4 cm diameter
<b>OR-MA-0062</b>	TAGSAM	Microswitch bracket coupon (-105), capture ring assembly	Aluminum	10 cm <sup>2</sup>
<b>OR-MA-0063</b>	TAGSAM	RH Torsion Spring, capture ring assembly	Stainless steel	~ 2" long
<b>OR-MA-0064</b>	SRC	Pin Coupon (-103), deployable witness plate assembly SRC	Stainless steel	~ 12 cm long
<b>OR-MA-0065</b>	SRC	Witness Plate Bracket Coupon (-106), sample canister top assembly	Aluminum	10 cm <sup>2</sup>
<b>OR-MA-0066</b>	SRC	RH Spring coupon (-112), Deployable Witness Plate Assembly SRC	Stainless steel	~ 1" long

<b>OR-MA-0067</b>	TAGSAM	SARA Panel Structure Coupon	Honeycomb Composite	5 cm x 5 cm x 3.5 cm
<b>OR-MA-0068</b>	SRC	Cap Screw, SRC Top Assembly	Stainless steel; CRES, NAS1352N08-8	~1.5 cm long
<b>OR-MA-0069</b>	TAGSAM	Hard Stop Coupon (-104), Capture Ring Assembly	Stainless steel; A286	~12 cm long
<b>OR-MA-0070</b>	SRC	Screw coupon, SRC Top Assembly	Stainless steel; CRES	~ 1 cm long
<b>OR-MA-0071</b>	TAGSAM	Cam Coupon (-102), Capture Ring Assembly	Stainless steel	10 cm <sup>2</sup>
<b>OR-MA-0076</b>	SRC	SARA/SRC TVAC residue from foil witness plates - Control Witness	NVR; residue	in 3" aluminum dish
<b>OR-MA-0077</b>	SRC	SARA/SRC TVAC residue from foil witness plates - Front TQCM Witness	NVR; residue	in 3" aluminum dish
<b>OR-MA-0078</b>	SRC	SARA/SRC TVAC residue from foil witness plates - Back of Chamber Witness	NVR; residue	in 3" aluminum dish
<b>OR-MA-0079</b>	SRC	SARA/SRC TVAC residue from foil witness plates - Below SRC Witness	NVR; residue	in 3" aluminum dish
<b>OR-MA-0080</b>	SRC	SARA/SRC TVAC residue from foil witness plates - Side TQCM Witness	NVR; residue	in 3" aluminum dish
<b>OR-MA-0081</b>	SRC	SARA/SRC TVAC residue from foil witness plates - Scavenger Plate Witness	NVR; residue	in 3" aluminum dish
<b>OR-MA-0082</b>	SRC	heater, SRC avionics deck (opposite of canister side)	Acrylic adhesive tape	~8 " plus cable
<b>OR-MA-0083</b>	SRC	Avionics Deck Connector bracket coupon (-101) Sample canister top assembly	Aluminum 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0084</b>	Spacecraft	3M 471 tape, spacecraft structure	Vinyl; blue vinyl; rubber adhesive	1.5" x 1"
<b>OR-MA-0085</b>	SRC	SRC shim coupon (-108)	Aluminum foil	3 cm x 2 cm
<b>OR-MA-0086</b>	TAGSAM	TAGSAM sapphire witness plate, launch coupon (-111)	Sapphire	1" diameter
<b>OR-MA-0087</b>	TAGSAM	frangibolt catch can coupon (-007) TAGSAM top assembly	Aluminum 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0088</b>	TAGSAM	gear cover coupon (-011), wrist drive assembly	Aluminum 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0089</b>	TAGSAM	nut coupon, capture ring assembly	Stainless steel; A286 CRES, NAS509-4C	~ 1 cm diameter
<b>OR-MA-0090</b>	TAGSAM	cam pin coupon (-103), capture ring assembly	Stainless steel; A286 CRES	~ 10 cm long
<b>OR-MA-0091</b>	SRC	washer coupon, sample canister top assembly	Stainless steel; CRES steel, NAS620C10L	0.354" OD
<b>OR-MA-0092</b>	SRC	roll pin coupon, deployable witness plate assembly	Stainless steel; CRES; MS16562-201	~ 1 cm long
<b>OR-MA-0093</b>	SRC	Stow guide bracket assembly right (-102), sample canister top assembly	Aluminum; 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0094</b>	TAGSAM	Self-locking nut coupon, capture ring assembly	Stainless steel; CRES, NAS1291C02M	0.2 cm
<b>OR-MA-0095</b>	SRC	SRC wire mesh screen coupon (-107)	Stainless steel	3 cm x 2 cm
<b>OR-MA-0096</b>	SRC	Tang coupon (-105), Tang assembly	Titanium 6AL-4V	10 cm <sup>2</sup>
<b>OR-MA-0097</b>	TAGSAM	TAGSAM sapphire coupon (-115)	Sapphire	1 " diameter
<b>OR-MA-0098</b>	SRC	witness plate cap screws coupon, SRC top assembly	Stainless Steel; heat-resistant steel, NAS1352N08-10	~ 2 cm long
<b>OR-MA-0099</b>	SRC	cap screw coupons, capture ring assembly	Stainless Steel; CRES NAS1352N02-10	~2 cm long
<b>OR-MA-0100</b>	SRC	cap screw coupons	Stainless Steel; CRES NAS1352N02-10	~ 2 cm long
<b>OR-MA-0101</b>	SRC	SRC screw, capture ring assembly	Stainless Steel; A286 CRES	~0.4" length
<b>OR-MA-0102</b>	Support Materials	brass fastener from GCKP stand	Brass	~ 1.5"
<b>OR-MA-0103</b>	Support Materials	Si wafer blanks	Silicon wafer	~ 1 cm x 1 cm
<b>OR-MA-0104</b>	Support Materials	Si wafer blanks from cleaning	Silicon wafer	~ 1 cm x 1 cm
<b>OR-MA-0105</b>	Support Materials	Si wafers	Silicon wafer	~ 1 cm x 1 cm
<b>OR-MA-0106</b>	Support Materials	tape lift from TAGSAM Qual head	Tape Lift from TAGSAM Qual head	

<b>OR-MA-0107</b>	TAGSAM	Flight TAGSAM Head TVAC residue	NVR; chamber pre-cert - blank	2" round Al pan
<b>OR-MA-0108</b>	TAGSAM	Flight TAGSAM Head TVAC residue	NVR; chamber pre-cert	2" round Al pan
<b>OR-MA-0109</b>	TAGSAM	Flight TAGSAM Head TVAC residue	NVR; TAGSAM bakeout - blank	2" round Al pan
<b>OR-MA-0110</b>	TAGSAM	Flight TAGSAM Head TVAC residue	NVR; TAGSAM bakeout	2" round Al pan
<b>OR-MA-0111</b>	TAGSAM	Washer coupon	Stainless steel; CRES NAS620C8L	5/16" diam
<b>OR-MA-0112</b>	SRC	sapphire coupon, pre-open	Sapphire	1.2" x 0.8"
<b>OR-MA-0113</b>	Support Materials	polyester lacing tape	Polyester	~ 4" long
<b>OR-MA-0114</b>	Support Materials	Ultratape 1110 (Orange glove tape)	Polyethylene; tape, acrylic adhesive	1.5 x 3 "
<b>OR-MA-0115</b>	TAGSAM	TAGSAM rivit, POGO arm assembly	Stainless Steel; A286 CRES	0.388"
<b>OR-MA-0116</b>	Launch Container	launch container base coupon	Aluminum 6061-T651; A286 stainless steel	10 cm <sup>2</sup>
<b>OR-MA-0117</b>	SRC	Washer, capture ring assembly	Stainless Steel; CRES; NAS1149EN232R	0.25" diam.
<b>OR-MA-0118</b>	SRC	SRC avionics deck connector bracket	Aluminum 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0119</b>	SRC	SRC aluminum witness plate coupon post-open	Aluminum	1.2" x 0.8 "
<b>OR-MA-0120</b>	Support Materials	Kimtech nitrile glove NxT	nitrile butadiene rubber	~ 8" long
<b>OR-MA-0121</b>	Support Materials	TX1009 AlphaWipe	Polyester 100%	9" x 9"
<b>OR-MA-0122</b>	Support Materials	shipping container dessicant DESI-PAK	tyvek packet; bentonite clay	8" x 5" bag
<b>OR-MA-0123</b>	REXIS	TiNi switch washer	Ti Al-4V, 302SS, Ag/Cu wire, Tetzal	2 7/8" x 5/8"
<b>OR-MA-0124</b>	REXIS	Frangibolt Ti bolt	Titanium 6Al-4V	1.33" x 0.183"
<b>OR-MA-0125</b>	REXIS	Frangibolt Housing Iridite	Iridite [Henkel Alodine 1132 Touch-n-prep pen]	4 1/8" x 7/8"
<b>OR-MA-0126</b>	REXIS	Torlon standoff	Polymer - Torlon 5030	1.058" x 0.394"
<b>OR-MA-0127</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0128</b>	OLA	CV-2646	Polymer - electrically conductive RTV silicone	1/2 of 3" pan
<b>OR-MA-0129</b>	OLA	CV-2646	Polymer - electrically conductive RTV silicone	1/2 of 3" pan
<b>OR-MA-0130</b>	OLA	CV-2646	Polymer - electrically conductive RTV silicone	1/2 of 3" pan
<b>OR-MA-0131</b>	OLA	Hysol EA 934NA	Epoxy adhesive	1/2 of 3" pan
<b>OR-MA-0132</b>	OLA	Hysol EA 934NA	Epoxy adhesive	1/2 of 3" pan
<b>OR-MA-0133</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0134</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0135</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0136</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0137</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0138</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0139</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0140</b>	OLA	Solithane 113	Epoxy - urethane pre-polymer	1/2 of 3" pan
<b>OR-MA-0141</b>	OLA	Hysol EA 934NA	Epoxy adhesive	1/2 of 3" pan
<b>OR-MA-0142</b>	TAGSAM	TAGSAM shim	Aluminum foil	3 cm dia
<b>OR-MA-0143</b>	SRC	SRC sapphire witness plate coupon, post-open	Sapphire	1.2" x 0.8"
<b>OR-MA-0144</b>	SRC	SRC aluminum witness plate coupon, always	Aluminum	1.2" x 0.8"

<b>OR-MA-0145</b>	SRC	SRC sapphire witness plate coupon, always	Sapphire	1.2" x 0.8"
<b>OR-MA-0146</b>	SRC	SRC screw coupon	Stainless Steel; CRES	0.053" long
<b>OR-MA-0147</b>	SRC	SRC Cam coupon	Aluminum; 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0148</b>	SRC	Flap coupon, SRC deployable witness plate assembly	Aluminum	10 cm <sup>2</sup>
<b>OR-MA-0149</b>	OVIRS	Braycote 601 EF lubricant	Lubricant; Braycote 601 EF	> 10 g
<b>OR-MA-0150</b>	OVIRS	Z93C55 conductive white paint	Paint; Z93C55 conductive white silicate paint	two 2" x 2" surfaces
<b>OR-MA-0151</b>	OVIRS	EPOTEK 353 solar mesh epoxy	Epoxy; EPOTEK 353	1/4" x 3 inch syringe
<b>OR-MA-0152</b>	OVIRS	EPOTEK 353ND epoxy - cured 1/4" x 3" syringe	Epoxy; EPOTEK 353ND epoxy - cured	>10 g
<b>OR-MA-0153</b>	REXIS	Braycote 601EF lubricant	Lubricant; Braycote 601EF	~ 3 g
<b>OR-MA-0154</b>	REXIS	Hysol EA 934 NA	Epoxy - Hysol 934 on REXIS Main Electronics Board	~ 1.5 cm plug
<b>OR-MA-0155</b>	Support Materials	LF8900C ziplock bag	Polyethylene with fire retardant additives - Sb2O3 and ethane	16" x 16"
<b>OR-MA-0156</b>	Support Materials	TAGSAM simulant	Tagish Lake simulant from A. Hildebrand	10 g
<b>OR-MA-0157</b>	TAGSAM	washer, Sampler Head U-joint Subassembly	Stainless Steel; CRES NAS620C10L	0.354" od
<b>OR-MA-0158</b>	Spacecraft	Solar Cell Coupon, Solar Array	Smart ZTJ material	3" diameter
<b>OR-MA-0159</b>	Spacecraft	Hydrazine Dry Down #1	NVR; hydrazine dry down	
<b>OR-MA-0160</b>	Spacecraft	Hydrazine Dry Down #2	NVR; hydrazine drydown #2	
<b>OR-MA-0161</b>	Spacecraft	Hydrazine Dry Down #3	NVR; Hydrazine Dry Down #3	
<b>OR-MA-0162</b>	Spacecraft	Hydrazine Dry Down #4	NVR; Hydrazine Dry Down #4	
<b>OR-MA-0163</b>	Spacecraft	Hydrazine Dry Down blank	NVR; Hydrazine Dry Down blank	
<b>OR-MA-0164</b>	Spacecraft	Hydrazine Dry Down blank	NVR; Hydrazine Dry Down blank	
<b>OR-MA-0165</b>	Spacecraft	Hydrazine Dry Down unused vial	NVR; Hydrazine Dry Down unused teflon vial	
<b>OR-MA-0166</b>	OCAMS	OCAMS CDA motor	motor for all 3 OCAMS imagers	3"x2"x1"
<b>OR-MA-0167</b>	Support Materials	End cap nylon bag from Lufkin AC	nylon	8" x 8"
<b>OR-MA-0168</b>	SRC	Manniglas MLI SRC	MLI blanket	6" x 6" + braid
<b>OR-MA-0169</b>	TAGSAM	Reinforced black Kapton blanket	kapton, adhesive, kapton tape	8" x 8"
<b>OR-MA-0170</b>	TAGSAM	Diffuse PTFE film	PTFE film, diffuse	8" x 8"
<b>OR-MA-0171</b>	SRC	Avionics deck coupon	Honeycomb, aluminum + facesheet	~ 5" long
<b>OR-MA-0172</b>	SRC	Batt Blanket Coupon	Kapton, braid, solder	6" x 6"
<b>OR-MA-0173</b>	OLA	Black aluminum foil	Aluminum foil, flat black epoxy	~ 1 ft2
<b>OR-MA-0174</b>	SRC	thermocouple coupon, SARA installation	copper-constantin wire; PFA insulation	~12" long
<b>OR-MA-0175</b>	Spacecraft	RTV adhesive - solar arrays LM-BF10898A-0100	Epoxy - adhesive, silicone RTV	1.5" Al pan
<b>OR-MA-0176</b>	Support Materials	Braycote TAGSAM gas delivery system	Lubricant; braycote 601EF	~ 1 g
<b>OR-MA-0177</b>	TAGSAM	Flight head build sponge count	miscellaneous	~ 20" bag
<b>OR-MA-0178</b>	Support Materials	gloves from TAGSAM flight head installation (see note)	nitrile gloves	~ 20 " bag
<b>OR-MA-0179</b>	Support Materials	swabs from baffle/optical cleaning	cotton swabs	~12" bag
<b>OR-MA-0180</b>	Support Materials	Braycote 601 EF; s/c transport SVIP purge system	Lubricant; braycote 601 EF	2 oz tube (empty)
<b>OR-MA-0181</b>	SRC	avionics box pressure transducer, insulation; 8530C-15M41-SRC-BK	miscellaneous; avionics box pressure transducer, trimmed insulation	12" long pieces
<b>OR-MA-0182</b>	Support Materials	Contamination event, soldering tool	glass-filled nylon; soldering tool	~ 6" long

<b>OR-MA-0183</b>	SRC	molybdenum disulfide, MMSN399A100	Lubricant; braycote 602EF	~ 1 g
<b>OR-MA-0184</b>	Support Materials	epoxy for fairing doors	Epoxy - CHO-BOND 1030-55	1.5 x 1.5 x 1 cm
<b>OR-MA-0185</b>	Support Materials	Entegris filter	filter for purge gass on MLP/VIF	~ 8" x 3" cylinder
<b>OR-MA-0186</b>	TAGSAM	convoluted tube - T section	stainless steel	~ 12"
<b>OR-MA-0187</b>	TAGSAM	convoluted tube - inlet side	stainless steel	~ 16" length
<b>OR-MA-0188</b>	Support Materials	fluoroclean dry down #1	NVR; fluoroclean HE-27152-AEBT	A1 pan 2"
<b>OR-MA-0189</b>	Support Materials	payload fairing amino acid foil witness plates	Aluminum foil; amino acid witness plates	12" x 12"
<b>OR-MA-0190</b>	Support Materials	payload fairing particle plates filter paper - left	filter paper	~2" circles
<b>OR-MA-0191</b>	Support Materials	payload fairing particle plates filter paper - right	filter paper	2" paper disc
<b>OR-MA-0192</b>	Support Materials	fluoroclean dry down #2	NVR; fluoroclean HE-27152-AEBT	A1 pan 2"
<b>OR-MA-0193</b>	SRC	Epoxy used on sep/spin mechanism repair LM-AE10782A	Epoxy - Scotch Weld EC-2216	~ 1 g
<b>OR-MA-0194</b>	SRC	Epoxy used on SRC avionics deck - connector bracket re-work LM-AE10782A	Epoxy - Scotch Weld EC-2216	~ 1 g
<b>OR-MA-0195</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0196</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0197</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0198</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0199</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0200</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0201</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0202</b>	SRC	Epoxy used on avionics deck LM-AE10490A	Epoxy - Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0203</b>	SRC	SRC pushoff fitting re-work; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0204</b>	SRC	SRC R&R assembly; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0205</b>	SRC	SRC backshell pushoff removed, replaced with 203; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0206</b>	SRC	SRC harness install; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0207</b>	SRC	SRC backshell parachute seal; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0208</b>	SRC	SRC Catch Can install; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0209</b>	SRC	SRC backshell inner seal; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0210</b>	SRC	SRC backshell outer seal; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0211</b>	SRC	SRC backshell vents; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0212</b>	SRC	SRC sep/spin thermal test cable; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0213</b>	SRC	SRC harness potting; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0214</b>	SRC	SRC backshell fitting installation; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0215</b>	SRC	SRC backshell seal emulsion; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0216</b>	SRC	SRC test seal, providing just in case; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0217</b>	SRC	SARA cable fitting to test cable; LM-BF10316B	Epoxy; RTV 566 silicone adhesive Momentive	~ 1 g
<b>OR-MA-0218</b>	SRC	epoxy used on SRC filter assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0219</b>	SRC	epoxy used on SRC filter assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g



<b>OR-MA-0220</b>	SRC	epoxy used on SRC backshell pin plate	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0221</b>	SRC	epoxy used on SRC filter assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0222</b>	SRC	epoxy used on SRC septum bushing LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0223</b>	TAGSAM	epoxy used on TAGSAM N2 system temp sensors LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0224</b>	SRC	epoxy used on SRC hinge assbly - spools, shunt insert LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0225</b>	SRC	epoxy used on SRC filter assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0226</b>	SRC	epoxy used on SRC stepper motor assbly - heater wire bonding LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0227</b>	SRC	epoxy used on SRC filter assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0228</b>	SRC	epoxy used on SRC avionics deck assembly - nut plate install LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0229</b>	SRC	epoxy used on SRC bathtub fitting (attaches backshell to deck) LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0230</b>	SRC	epoxy used on avionics deck inserts LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0231</b>	SRC	epoxy used on Detent insert installation LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0232</b>	SRC	epoxy used on avionics deck various locations LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0233</b>	SRC	SRC filter unit	Aluminum, filter, epoxy	~9.5 round x 2.5 cm high
<b>OR-MA-0234</b>	SRC	epoxy used on sample canister hinge assby - new insert installation LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0235</b>	SRC	epoxy used on sample canister hinge assby - new insert installation LM-AE10490A	Epoxy; Henkel Loctite EA 9394	~ 1 g
<b>OR-MA-0236</b>	SRC	epoxy used on SRC filter assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0237</b>	TAGSAM	epoxy used on TAGSAM N2 gas assembly LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0238</b>	SRC	epoxy used on SRC lap shear testing LM-AE10490A	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0239</b>	SRC	epoxy used in an unknown location	Epoxy; Henkel Loctite EA9394	~ 1 g
<b>OR-MA-0240</b>	SRC	Nusil 2599 LM-AH10314A SRC temp sensor replacement	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0241</b>	SRC	Nusil 2599 LM-AH10314A SRC temp sensor replacement	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0242</b>	SRC	Nusil 2599 LM-AH10314A sep/spin installation - temp sensor	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0243</b>	TAGSAM	Nusil 2599 LM-AH10314A TAGSAM wrist motor thermal assmy	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0244</b>	TAGSAM	Nusil 2599 LM-AH10314A TAGSAM shoulder drive thermal control - temp sensor installation	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0245</b>	SRC	Nusil 2599 LM-AH10314A SRC stepper motor sensor bonding	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0246</b>	TAGSAM	Nusil 2599 LM-AH10314A TAGSAM shoulder drive thermal control - temp sensor install	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0247</b>	TAGSAM	Nusil 2599 LM-AH10314A TAGSAM wrist motor temp sensor install	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0248</b>	SRC	Nusil 2599 LM-AH10314A SRC avionics and battery temp sensor install	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0249</b>	SRC	Nusil 2599 LM-AH10314A sep/spin installation - sep nut thermal install	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0250</b>	Spacecraft	Nusil 2599 LM-AH10314A NavCams temp sensor installation	Epoxy; Nusil 2599 silicone adhesive	~ 1 g
<b>OR-MA-0251</b>	TAGSAM	contact pad coupon	stainless steel velcro; aluminum	~ 5/8" dia.
<b>OR-MA-0252</b>	TAGSAM	wire mesh screen coupon	stainless steel	3 cm
<b>OR-MA-0253</b>	SRC	NAS1352N08-6; SRC top assembly witness plate screws	Stainless Steel; heat resistant steel; NAS1352N08-6	~ 0.375"
<b>OR-MA-0254</b>	SRC	razor blade, detent pin cleaning	steel	~ 1.5"

OR-MA-0255	SRC	retainer clip, fixed coupon top assembly witness plate	Stainless steel - CRES	~ 10 cm <sup>2</sup>
OR-MA-0256	TAGSAM	Braycote 602 EF + Mo disulfide; sine vibe test preparations	Lubricant; Braycote 602 EF (Castrol) + MoS2 (Dow)	~ 1 g
OR-MA-0257	Support Materials	witness plate stand frame	Aluminum 6061-T6	~ 12" long
OR-MA-0258	SRC	red primer, PR-1200RTV; LM-CJ-10894A-0013	Silane; used for SRC battery and avionics temp sensors	~ 1 g
OR-MA-0259	TAGSAM	gloves used by Jim Harris for witness plate fit check	nitrile, butadene rubber; NxT	1 large size glove
OR-MA-0260	TAGSAM	screw coupon, sampler head subassembly	Stainless steel - CRES; NAS1152E7	~ 1.5 cm long
OR-MA-0261	TAGSAM	Spring coupon, sampler head subassembly	stainless steel	0.5" diam.
OR-MA-0262	SRC	SRC dust cover caplugs	Polyethylene polymer conductive	~ 1" diam.
OR-MA-0263	Support Materials	nitrile glove used in SSL	nitrile glove blue	1 glove (M)
OR-MA-0264	TAGSAM	Washer coupon, sampler head subassembly	Stainless steel - CRES; NAS620C8L	5/16" diam.
OR-MA-0265	TAGSAM	washer coupon, sampler head subassembly	Stainless steel - CRES; NAS620C8	0.304" diam.
OR-MA-0266	TAGSAM	Sampler Head diaphragm coupon	Mylar	10 cm <sup>2</sup>
OR-MA-0267	TAGSAM	cap screw coupon, sampler head subassembly	Stainless steel - CRES; NAS1352N08-10	~ 0.75" diam.
OR-MA-0268	TAGSAM	screw coupon, sampler head subassembly	Stainless steel - CRES; NAS1102E08-10	1.5 cm long
OR-MA-0269	TAGSAM	Washer coupon, TAGSAM, W3-50-TI	Titanium 6AL-4VTI	0.5" dia.
OR-MA-0270	TAGSAM	screw coupon, sampler head subassembly NAS1152E8	Stainless steel - CRES; NAS1152E8	2 cm long
OR-MA-0271	TAGSAM	nut coupon, sampler head subassembly	steel; silver plated; hexagonal nut	0.75 cm od
OR-MA-0272	TAGSAM	restraint coupon, sampler head sub-assembly	Titanium	6 cm long
OR-MA-0273	SRC	Al witness plate, pre-open coupon	Aluminum	1" x 0.75"
OR-MA-0274	Support Materials	ESD wrist strap used by ATLO personnel	metallic, painted	0.75" long
OR-MA-0275	SRC	washer coupon, SRC tang assembly	Stainless steel - CRES; NAS620C2	0.149" od
OR-MA-0276	Support Materials	particle fallout plate PFOP unused	polystyrene; HVWP filter	47 mm diam. filter
OR-MA-0277	TAGSAM	washer coupon, U-joint sub-assembly	Stainless steel - CRES; NAS1149EN632R	0.375" od
OR-MA-0278	Support Materials	connector used for wire splicing	glass filled nylon	1.25" long
OR-MA-0279	TAGSAM	screw coupon, sampler head top assembly	Stainless Steel; heat resistant; NAS1351N08-12	2.25 cm long
OR-MA-0280	TAGSAM	spring spacer coupon, witness plate assembly	Aluminum alloy 6061-T651	~ 0.86 g
OR-MA-0281	SRC	Silicone adhesive hardness coupon; microchip installation	Epoxy - adhesive, silicone RTV-142	~ 1 g
OR-MA-0282	SRC	LH torsion spring coupon, capture ring assembly	stainless steel	~ 2 " long
OR-MA-0283	SRC	LH Spring coupon, SRC top assembly	stainless steel	~ 2" long
OR-MA-0284	SRC	RH Spring coupon, SRC top assembly	stainless steel	~ 2" long
OR-MA-0285	TAGSAM	detent pin coupon (-006) DUPLICATE; wrist drive assembly	Stainless steel; A386-CRES	~ 2 cm long
OR-MA-0286	SRC	Washer coupon DUPLICATE, SRC top assembly	Stainless steel; 300 CRES - NAS620C8L	~0.5 cm OD
OR-MA-0287	TAGSAM	Washer coupon, DUPLICATE, TAGSAM, W3-50-TI	Titanium 6AL-4VTI	0.5" dia.
OR-MA-0288	TAGSAM	silicone adhesive LM-AH10314A; Qual shoulder drive assembly	Epoxy; Nusil silicone adhesive	~ 1 g
OR-MA-0289	TAGSAM	Nusil silicone adhesive; LM-AH10314A; SCV1-2599; qual N2 gas system temp sensor install	Epoxy; Silicone adhesive	~ 1 g
OR-MA-0290	TAGSAM	Nusil silicone adhesive; LM-AH10314A; SCV1-2599; qual wrist drive assembly - non-flight	Epoxy; Silicone adhesive	~ 1 g



<b>OR-MA-0291</b>	TAGSAM	Nusil silicone adhesive; LM-AH10314A; SCV1-2599; qual shoulder drive assembly - non-flight	Epoxy; Silicone adhesive	~ 1 g
<b>OR-MA-0292</b>	SRC	backshell coupon	SLA-561V	3" x 3"
<b>OR-MA-0293</b>	Launch Container	epoxy adhesive, sealant for amphenol connector	Epoxy - UAH 6190	> 1 g
<b>OR-MA-0294</b>	Launch Container	Blanket repair tape, payload fairing	extruded PTFE; silicone adhesive	~ 2" long
<b>OR-MA-0295</b>	Spacecraft	ACS Thruster Assembly NFP30708100	Valves - Stainless steel 300 series, Thruster Chamber - Inconel, Catalyst - iridium coated aluminum	8" x 1.75"; Flight mass: 0.36
<b>OR-MA-0296</b>	SRC	Tombstone coupon, SRC top assembly	Aluminum alloy 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0297</b>	TAGSAM	Sampler Head Mass Simulator (aluminum hat)	Aluminum, clear anodized	3.2 kg
<b>OR-MA-0298</b>	TAGSAM	stepper motor, SRC and TAGSAM	heater, temperature sensor, motor	flight mass 0.39 kg
<b>OR-MA-0299</b>	SRC	pica coupon	PICA	unknown, flight mass 9.94 kg
<b>OR-MA-0300</b>	Support Materials	unknown foil put in Jamie's cabinet	unknown	6" x 6"
<b>OR-MA-0301</b>	SRC	washer coupon, capture ring assembly	stainless steel CRES; NAS620C6	0.267" o.d.
<b>OR-MA-0302</b>	TAGSAM	baseplate coupon, sampler head subassembly	Aluminum 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0303</b>	TAGSAM	Convolute tube, feedline assembly	stainless steel	1 tube
<b>OR-MA-0304</b>	SRC	stow guide bracket sample assembly, left	Aluminum / Stainless steel	10 cm <sup>2</sup>
<b>OR-MA-0305</b>	TAGSAM	sampler head air tube	Aluminum alloy; 6061-T651	~ 2.25" long
<b>OR-MA-0306</b>	TAGSAM	Sampler head surface plate coupon	Aluminum alloy; 6061-T7451	10 cm <sup>2</sup>
<b>OR-MA-0307</b>	TAGSAM	Bolt restraint coupon, sampler head subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0308</b>	TAGSAM	Fan support plate coupon, sampler head subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0309</b>	TAGSAM	Standoff coupon, sampler head subassembly	Aluminum 6061-T651 and CRES MS21209C0815	5.5 cm long
<b>OR-MA-0310</b>	TAGSAM	Cover plate coupon, sampler head subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0311</b>	TAGSAM	screw coupon, sampler head subassembly	stainless steel CRES NAS1102E08-6	1 cm long
<b>OR-MA-0312</b>	TAGSAM	contact pad spool coupon	stainless steel CRES 304L	0.75" o.d.
<b>OR-MA-0313</b>	TAGSAM	screen coupon, air filter assembly	stainless steel CRES 304L	10 cm <sup>2</sup>
<b>OR-MA-0314</b>	TAGSAM	sapphire witness plate coupon, post-stow	Sapphire	1" diam.
<b>OR-MA-0315</b>	TAGSAM	self-locking nut coupon, U-joint subassembly	silver plated CRES	~0.33" o.d.
<b>OR-MA-0316</b>	SRC	witness plate bracket coupon	Aluminum alloy 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0317</b>	TAGSAM	torsion spring RH coupon, witness plate assembly	stainless steel 17-7	~ 3 cm long
<b>OR-MA-0318</b>	SRC	Connector bracket enable coupon, SRC top assembly	Aluminum alloy 7050-T7451	10 cm <sup>2</sup>
<b>OR-MA-0319</b>	TAGSAM	witness plate retaining pin coupon	stainless steel CRES A286	~0.1 g
<b>OR-MA-0320</b>	TAGSAM	U-joint yoke, sampler head subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0321</b>	SRC	cap screw coupon, SRC top assembly	Stainless Steel; heat resistant steel, NAS1351N3-8	1.75 cm long
<b>OR-MA-0322</b>	SRC	septum bushing coupon	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0323</b>	TAGSAM	perforated plate coupon, air filter assembly	stainless steel CRES 304L	~ 1 in2
<b>OR-MA-0324</b>	TAGSAM	witness plate baseplate	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0325</b>	TAGSAM	screw coupon, sampler head top assembly	Stainless steel - CRES NAS1102E04-5	~0.75 cm
<b>OR-MA-0326</b>	TAGSAM	shaft coupon, witness plate assembly	stainless steel CRES A286	4.01 g
<b>OR-MA-0327</b>	TAGSAM	U-joint fan support fitting assembly coupon	Aluminum alloy 6061-T651	10 cm <sup>2</sup>

<b>OR-MA-0328</b>	SRC	septum retainer coupon, SRC top assembly	Stainless Steel; heat resistant steel, NAS1351N6-14	1" long
<b>OR-MA-0329</b>	SRC	Bolt coupon, SRC hinge assembly	stainless steel CRES	#10 x 0.4375"
<b>OR-MA-0330</b>	TAGSAM	Airframe bearing, inner POGO assembly	steel	0.0375" od
<b>OR-MA-0331</b>	Support Materials	ESD packaging, non-flight consumable	Dunshield ESD, used in LC firing to catch the lid - ATLO test	~ 3" x 3"
<b>OR-MA-0332</b>	SRC	screw coupon, SRC top assembly	stainless steel CRES	~0.5" long
<b>OR-MA-0333</b>	SRC	bolt coupon, SRC hinge assembly	n/a	0.688" long
<b>OR-MA-0334</b>	SRC	latch fitting, avionics deck assembly	Aluminum alloy 7075-T7351	10 cm <sup>2</sup>
<b>OR-MA-0335</b>	TAGSAM	witness coupon retainer coupon, U-joint subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0336</b>	TAGSAM	screw coupon, U-joint subassembly	n/a	~ 1" long
<b>OR-MA-0337</b>	TAGSAM	feedline Tee coupon, sampler head subassembly	stainless steel CRES 316L	1.5" long
<b>OR-MA-0338</b>	TAGSAM	feedline elbow, sampler head subassembly	stainless steel CRES 316L	1.25" long
<b>OR-MA-0339</b>	Launch Container	launch container cover coupon, cover assembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0340</b>	TAGSAM	contact pad velcro loop pad coupon	stainless steel velcro	0.75" od
<b>OR-MA-0341</b>	TAGSAM	wrist joint restraints, sampler head subassembly	Titanium	~ 2.5" long
<b>OR-MA-0342</b>	TAGSAM	U-joint arm fitting, sampler head subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0343</b>	TAGSAM	bolt head capture cleat coupon, sampler head subassembly	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0344</b>	TAGSAM	witness plate shaft coupon, witness plate assembly	stainless steel CRES A286	4.01 g
<b>OR-MA-0345</b>	SRC	cotter pin coupon, capture ring assembly	stainless steel CRES; MS24665-151	0.5" long
<b>OR-MA-0346</b>	TAGSAM	torsion spring LH coupon, sampler head witness plate assembly	stainless steel CRES	~1.25" long
<b>OR-MA-0347</b>	TAGSAM	witness plate post-stow coupon, witness plate assembly	Aluminum 99.999%	~1: diam.
<b>OR-MA-0348</b>	TAGSAM	U-joint arm fitting coupon, U-joint subassembly	stainless steel CRES A286 Cadmium plated MS51830CAL102L	0.134" diam.
<b>OR-MA-0349</b>	SRC	washer coupon, SRC top assembly	stainless steel CRES; NAS1149CN832R	0.875" od
<b>OR-MA-0350</b>	TAGSAM	screw coupon, sample head U-joint subassembly	stainless steel CRES; NAS1151E6	0.375" od
<b>OR-MA-0351</b>	TAGSAM	nut coupon, sampler head U-joint subassembly	stainless steel CRES A286; MS21043-06N	0/168" od
<b>OR-MA-0352</b>	TAGSAM	feedline tube coupon, sampler head subassembly	stainless steel CRES 316L	~0.122 kg
<b>OR-MA-0353</b>	TAGSAM	witness plate launch coupon, witness plate assembly	Aluminum 99.999%	~ 1" diam.
<b>OR-MA-0354</b>	TAGSAM	witness plate cover plate coupon	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0355</b>	SRC	cap screw coupon, SRC top assembly	Stainless Steel; NAS1352E06-6	0.75" long
<b>OR-MA-0356</b>	SRC	washer coupon, capture ring assembly	stainless steel CRES; NAS1149C0416R	0.500" od
<b>OR-MA-0357</b>	TAGSAM	witness plate always coupon, witness plate assembly	Aluminum 99.999%	~1" diam
<b>OR-MA-0358</b>	SRC	cap screw coupon, Tang assembly	stainless steel CRES	~0.25" long
<b>OR-MA-0359</b>	TAGSAM	U-joint fan support fitting, U-joint subassembly	stainless steel CRES 303 cadmium plated MS51830CA104L	0.134" diam
<b>OR-MA-0360</b>	TAGSAM	sampler arm wrist shim, Pogo assembly	laminated aluminum	6 cm long
<b>OR-MA-0361</b>	SRC	washer coupon, sample cansiter top assembly	stainless steel CRES; NAS620C6L	0.267" od
<b>OR-MA-0362</b>	Launch Container	launch container barrel coupon	Aluminum alloy 6061-T651	10 cm <sup>2</sup>
<b>OR-MA-0363</b>	TAGSAM	cap screw coupon, TAGSAM top assembly	stainless steel CRES; NAS1352N08H6	~0.25" long
<b>OR-MA-0364</b>	Spacecraft	top deck blanket (+Z) spacecraft	kapton blanketing, kapton tape	4" x 3"

OR-MA-0365	Support Materials	nylon tape used to package TAGSAM TVAC NVR samples	nylon tape, rubber adhesive	2" wide
OR-MA-0366	Support Materials	swabbed particulate from flight TAGSAM head	unknown, collected with polyethylene swab	~100-200 microns
OR-MA-0367	Support Materials	pink polyethylene in cleanroom room 202	Polyethylene, anti-static	maybe 2 ft2
OR-MA-0368	Spacecraft	Spacecraft USB drive	metallic	~ 1.5" long
OR-MA-0369	Support Materials	TAGCAMS nylon camera covers	nylon	~2" diam (2)
OR-MA-0370	Support Materials	Faraday Cap - cable cutter mate	n/a	~0.5" long
OR-MA-0371	Support Materials	Crane Control panel residue; Cape	unknown	n/a
OR-MA-0372	TAGSAM	severed frangibolt fasteners TAGSAM	stainless steel	~2.25" long
OR-MA-0373	Support Materials	TAGSAM TVAC Si wafers	Silicon wafers, polyethylene cases	3" diam (5)
OR-MA-0374	Spacecraft	black kapton MLI blanketing	kapton, tapes, films, staples, etc.	8" x 8"
OR-MA-0375	Support Materials	tube cutter, qual TAGSAM head "decapitation"	n/a	~1.5" long
OR-MA-0376	Support Materials	epoxy used to stake tube cutter	Epoxy, Glass	~ 1 g
OR-MA-0377	SRC	temperature sensor assembly coupon	wire, tape, thread, etc.	~ 2 ft
OR-MA-0378	Support Materials	swabs from detent pin cleaning on SRC	Polyethylene swabs	~2" swabs
OR-MA-0379	Launch Container	PLA transducer cap - nylon	cap material unknown, nylon bagging	~0.5" long
OR-MA-0380	TAGSAM	Qual TAGSAM head insert	ultem, stainless steel fastener	~3" long
OR-MA-0381	Support Materials	insert pull throughs, SRC canister	silicone	~2" long
OR-MA-0382	Support Materials	TAGSAM test blanket	fiberglass re-inforced teflon	~ 2 ft long
OR-MA-0383	TAGSAM	wire coupon, TAGSAM ordnance installation	stainless steel CRES 302	0.20" diam
OR-MA-0384	SRC	Temperature strip coupon, SRC thermal installation	kapton	0.56" diam
OR-MA-0385	SRC	Temperature strip coupon, SRC thermal installation	kapton	0.38" x 1.5"
OR-MA-0386	SRC	Temperature strip coupon, SRC thermal installation	kapton	0.38" x 0.8"
OR-MA-0387	Spacecraft	Diode bonding adhesive coupon, solar array	Epoxy - RTV silicone LM-BF10898F	> 1 g
OR-MA-0388	Spacecraft	Diode bonding adhesive coupon, solar array	Epoxy - RTV silicone LM-BF10898B	> 1 g
OR-MA-0389	Spacecraft	wire coupon - red,blue - solar array	silver coated copper, kapton insulation	> 1 ft
OR-MA-0390	Spacecraft	wire coupon - green - solar array	silver coated copper, kapton insulation	> 1 ft
OR-MA-0391	Support Materials	Ultratape 1153 clean tent tape coupon, VIF	Polyethylene, rubber adhesive	~ 2"
OR-MA-0392	Support Materials	Ultratape 1154	Polyethylene, synthetic rubber adhesive	~2"
OR-MA-0393	Support Materials	ULA fairing adhesive	Epoxy - RTV silicone CV3-1142	>1g
OR-MA-0394	SRC	conformal coating coupon, sep/spin mechanism assembly	polyurethane (Arathane 5750)	>1 g
OR-MA-0395	TAGSAM	Qual TAGSAM head witness plates (3)	sapphire	~1" diam.
OR-MA-0396	TAGSAM	Qual TAGSAM head witness plate	sapphire	~1" diam.
OR-MA-0397	TAGSAM	Qual TAGSAM head witness plate + shim	sapphire	~1" diam.
OR-MA-0398	TAGSAM	Qual TAGSAM head witness plate	sapphire	~1" diam.
OR-MA-0399	TAGSAM	Qual TAGSAM head witness plate	sapphire	~1" diam.
OR-MA-0400	TAGSAM	Qual TAGSAM head witness plates (3)	sapphire	~1" diam.
OR-MA-0401	Support Materials	Contamination Control samples Box 1 Al foils	Aluminum foil	~ 1 cm x 2 cm

<b>OR-MA-0402</b>	Support Materials	Contamination Control samples Box 2 Al foils	Aluminum foil	~ 1 cm x 2 cm
<b>OR-MA-0403</b>	Support Materials	Contamination Control samples Box 3 Al foils	Aluminum foil	~ 1 cm x 2 cm
<b>OR-MA-0404</b>	Support Materials	Contamination Control samples Box 4 Al foils	Aluminum foil	~ 1 cm x 2 cm
<b>OR-MA-0405</b>	Support Materials	Contamination Control samples Box 5 Al foils	Aluminum foil	~ 1 cm x 2 cm
<b>OR-MA-0406</b>	Support Materials	Contamination control knowledge samples curation cabinet	Aluminum foil	~ 1 cm x 2 cm