Sample set	Designation	Rotation	Translation	Description	Sol 61	Sol 62	Sol 63	Sol 64	Sol 65	Sol 66	Sol 67	Sol 68	Sol 69	Sol 70	Sol 71	Sol 72	Sol 73	Sol 74	Sol 75	Sol 76	Sol 77	Sol 78	Sol 79	Sol 80	Sol 81	Sol 82	Sol 83	Sol 84	Sol 85	Sol 86	Sol 87	Sol 88	Sol 89	Sol 90
1	OM1	18744	49011	Weak Magnet																					I									
	OM2	19077	49011	Silicone																														
	OM3	19411	49211	Nanobucket																														
	OM4	19744	49211	Microbucket 1																														
	OM5	20077	49211	Strong Magnet																					I									
	OM6	20411	49211	Microbucket 2																														
2	OM7	20744	49471	Weak Magnet																														
	OM8	21077	49471	Silicone																														
	OM9	21411	49471	Nanobucket																														
	OM10	21744	49471	Microbucket 1																														
	OM11	22077	49471	Strong Magnet																														
	OM12	22411	49471	Microbucket 2																														
Calibration & tools	OM13	22744	49011	Tip cleaner															I															
	OM14	23077	49011	AFM tip shape																														
	OM15	23411	49011	AFM linear																														
	OM16	23744	49011	Tip finder																														
	OM17	77	48611	Tip breaker																														
	OM18	411	48611	OM stitching																														
	OM19	744	48811	OM linear							I																							
	OM20	1077	48811	OM white																														
	OM21	1411	48811	OM UV																														
3	OM22	1744	49011	Microbucket 1																							I							
	OM23	2077	49011	Weak Magnet																				I			I			I				
	OM24	2411	49211	Silicone														I			I	I			I	I	I		I	I		I		
	OM25	2744	49211	Nanobucket																							I	I		I			I	I
	OM26	3077	49211	Microbucket 2																							I							
	OM27	3411	48811	Strong Magnet														I									I			I				I
4	OM28	3744	48811	Microbucket 1																														
	OM29	4077	48811	Weak Magnet																														
	OM30	4411	48811	Silicone														I		I														
	OM31	4744	48811	Nanobucket																														
	OM32	5077	48811	Microbucket 2																														
	OM33	5411	48811	Strong Magnet														I																

Sample set	Designation	Rotation	Translation	Description	Sol 61	Sol 62	Sol 63	Sol 64	Sol 65	Sol 66	Sol 67	Sol 68	Sol 69	Sol 70	Sol 71	Sol 72	Sol 73	Sol 74	Sol 75	Sol 76	Sol 77	Sol 78	Sol 79	Sol 80	Sol 81	Sol 82	Sol 83	Sol 84	Sol 85	Sol 86	Sol 87	Sol 88	Sol 89	Sol 90
5	OM34	5744	48811	Microbucket 1																														
	OM35	6077	49211	Weak Magnet																														
	OM36	6411	49011	Silicone														I																
	OM37	6744	48811	Nanobucket																														
	OM38	7077	48811	Microbucket 2																														
	OM39	7411	48811	Strong Magnet														I																
6	OM40	7744	48811	Microbucket 1																														
	OM41	8077	48811	Weak Magnet														I																
	OM42	8411	49011	Silicone														I																
	OM43	8744	49011	Nanobucket																	I													
	OM44	9077	49011	Microbucket 2														I																
	OM45	9411	49211	Strong Magnet														I																
7	OM46	9744	49211	Microbucket 1												I			S		I													
	OM47	10077	49211	Weak Magnet												I			SI															
	OM48	10411	49211	Silicone												I			SI															
	OM49	10744	49211	Nanobucket													I		S	I	I													
	OM50	11077	49211	Microbucket 2												I			S		I													
	OM51	11411	49211	Strong Magnet												I			S															
8	OM52	11744	49211	Microbucket 1							SI																							
	OM53	12077	49211	Weak Magnet							SI						I																	
	OM54	12411	49211	Silicone							SI																							
	OM55	12744	49211	Nanobucket							SI																							
	OM56	13077	49211	Microbucket 2							SI																							
	OM57	13411	49211	Strong Magnet							SI						I																	
9	OM58	13744	49171	Microbucket 1																														
	OM59	14077	49171	Weak Magnet																														
	OM60	14411	49171	Silicone																														
	OM61	14744	49171	Nanobucket																														
	OM62	15077	49171	Microbucket 2																														
	OM63	15411	49171	Strong Magnet																														
10	OM64	15744	49211	Microbucket 1																														
	OM65	16077	49211	Weak Magnet																														
	OM66	16411	49211	Silicone											I																			
	OM67	16744	49011	Nanobucket				I				I	I																					
	OM68	17077	49011	Microbucket 2																														
	OM69	17411	49011	Strong Magnet																														