5ml or 10ml Clear Glass Vial Particle Size and Descriptions					
Vial #	Nominal Size (µm)	Material	Particle Shape	# of Particles Inserted	Notes: In addition to utilization for manual inspection method qualification. This kit may also be used for comparison of Manual mRZE to Automated aRZE if so then also include additional anticipated gray zone particles less than 100um (80um, etc.).
1	100	Stainless Steel	SPHERE	1	NIST Traceable
2	150	Stainless Steel	SPHERE	1	NIST Traceable
3	200	Stainless Steel	SPHERE	1	NIST Traceable
4	200	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
5	200	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
6	300	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
7	300	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
8	500	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
9	500	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
10	700	Stainless Steel	SHAVING	1	Created particles should be as dimensionally equal as possible
11	100	Clear Glass	SPHERE	1	NIST Traceable
12	150	Clear Glass	SPHERE	1	NIST Traceable
13	200	Clear Glass	SPHERE	1	NIST Traceable
14	200	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
15	200	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
16	300	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
17	300	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
18	500	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
19	500	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
20	700	Clear Glass	SHARD	1	Created particles should be as dimensionally equal as possible
21	100	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
22	200	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
23	200	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
24	300	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
25	300	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
26	500	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
27	500	Rubber Stopper	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
28	100	Polystyrene	SPHERE	1	NIST Traceable

29	150	Polystyrene	SPHERE	1	NIST Traceable
30	200	Polystyrene	SPHERE	1	NIST Traceable
31	250	Polystyrene	SPHERE	1	NIST Traceable
32	300	Plastic Tubing	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
33	300	Plastic Tubing	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
34	500	Plastic Tubing	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
35	500	Plastic Tubing	AMORPHOUS	1	Created particles should be as dimensionally equal as possible
36	700	Light Fiber	FIBER	1	Cotton
37	1000	Light Fiber	FIBER	1	Cotton
38	2000	Light Fiber	FIBER	1	Cotton
39	700	Dark Fiber	FIBER	1	Polyester
40	1000	Dark Fiber	FIBER	1	Polyester
41	2000	Dark Fiber	FIBER	1	Polyester
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