

5ml or 10ml Clear Glass Vial Particle Size and Descriptions				
Vial #	Nominal Size (µm)	Material	Particle Shape	# of Particles Inserted
1	100	Stainless Steel	SPHERE	1
2	150	Stainless Steel	SPHERE	1
3	200	Stainless Steel	SPHERE	1
4	200	Stainless Steel	SHAVING	1
5	200	Stainless Steel	SHAVING	1
6	300	Stainless Steel	SHAVING	1
7	300	Stainless Steel	SHAVING	1
8	500	Stainless Steel	SHAVING	1
9	500	Stainless Steel	SHAVING	1
10	700	Stainless Steel	SHAVING	1
11	100	Clear Glass	SPHERE	1
12	150	Clear Glass	SPHERE	1
13	200	Clear Glass	SPHERE	1
14	200	Clear Glass	SHARD	1
15	200	Clear Glass	SHARD	1
16	300	Clear Glass	SHARD	1
17	300	Clear Glass	SHARD	1
18	500	Clear Glass	SHARD	1
19	500	Clear Glass	SHARD	1
20	700	Clear Glass	SHARD	1
21	100	Rubber Stopper	AMORPHOUS	1
22	200	Rubber Stopper	AMORPHOUS	1
23	200	Rubber Stopper	AMORPHOUS	1
24	300	Rubber Stopper	AMORPHOUS	1
25	300	Rubber Stopper	AMORPHOUS	1
26	500	Rubber Stopper	AMORPHOUS	1
27	500	Rubber Stopper	AMORPHOUS	1
28	100	Polystyrene	SPHERE	1

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.).

NIST Traceable

NIST Traceable

NIST Traceable

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

NIST Traceable

NIST Traceable

NIST Traceable

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

NIST Traceable

29	150	Polystyrene	SPHERE	1
30	200	Polystyrene	SPHERE	1
31	250	Polystyrene	SPHERE	1
32	300	Plastic Tubing	AMORPHOUS	1
33	300	Plastic Tubing	AMORPHOUS	1
34	500	Plastic Tubing	AMORPHOUS	1
35	500	Plastic Tubing	AMORPHOUS	1
36	700	Light Fiber	FIBER	1
37	1000	Light Fiber	FIBER	1
38	2000	Light Fiber	FIBER	1
39	700	Dark Fiber	FIBER	1
40	1000	Dark Fiber	FIBER	1
41	2000	Dark Fiber	FIBER	1
42	BLANK	NONE	NONE	0
43	BLANK	NONE	NONE	0
44	BLANK	NONE	NONE	0
45	BLANK	NONE	NONE	0
46	BLANK	NONE	NONE	0
47	BLANK	NONE	NONE	0
48	BLANK	NONE	NONE	0
49	BLANK	NONE	NONE	0
50	BLANK	NONE	NONE	0
51	BLANK	NONE	NONE	0
52	BLANK	NONE	NONE	0
53	BLANK	NONE	NONE	0
54	BLANK	NONE	NONE	0
55	BLANK	NONE	NONE	0
56	BLANK	NONE	NONE	0
57	BLANK	NONE	NONE	0
58	BLANK	NONE	NONE	0

NIST Traceable

NIST Traceable

NIST Traceable

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Created particles should be as dimensionally equal as possible

Cotton

Cotton

Cotton

Polyester

Polyester

Polyester

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

149	BLANK	NONE	NONE	0
150	BLANK	NONE	NONE	0
151	BLANK	NONE	NONE	0
152	BLANK	NONE	NONE	0
153	BLANK	NONE	NONE	0
154	BLANK	NONE	NONE	0
155	BLANK	NONE	NONE	0
156	BLANK	NONE	NONE	0
157	BLANK	NONE	NONE	0
158	BLANK	NONE	NONE	0
159	BLANK	NONE	NONE	0
160	BLANK	NONE	NONE	0
161	BLANK	NONE	NONE	0
162	BLANK	NONE	NONE	0
163	BLANK	NONE	NONE	0
164	BLANK	NONE	NONE	0
165	BLANK	NONE	NONE	0
166	BLANK	NONE	NONE	0
167	BLANK	NONE	NONE	0
168	BLANK	NONE	NONE	0
169	BLANK	NONE	NONE	0
170	BLANK	NONE	NONE	0
171	BLANK	NONE	NONE	0
172	BLANK	NONE	NONE	0
173	BLANK	NONE	NONE	0
174	BLANK	NONE	NONE	0
175	BLANK	NONE	NONE	0
176	BLANK	NONE	NONE	0
177	BLANK	NONE	NONE	0
178	BLANK	NONE	NONE	0

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

179	BLANK	NONE	NONE	0
180	BLANK	NONE	NONE	0
181	BLANK	NONE	NONE	0
182	BLANK	NONE	NONE	0
183	BLANK	NONE	NONE	0
184	BLANK	NONE	NONE	0
185	BLANK	NONE	NONE	0
186	BLANK	NONE	NONE	0
187	BLANK	NONE	NONE	0
188	BLANK	NONE	NONE	0
189	BLANK	NONE	NONE	0
190	BLANK	NONE	NONE	0
191	BLANK	NONE	NONE	0
192	BLANK	NONE	NONE	0
193	BLANK	NONE	NONE	0
194	BLANK	NONE	NONE	0
195	BLANK	NONE	NONE	0
196	BLANK	NONE	NONE	0
197	BLANK	NONE	NONE	0
198	BLANK	NONE	NONE	0
199	BLANK	NONE	NONE	0
200	BLANK	NONE	NONE	0
201	BLANK	NONE	NONE	0
202	BLANK	NONE	NONE	0
203	BLANK	NONE	NONE	0
204	BLANK	NONE	NONE	0
205	BLANK	NONE	NONE	0
206	BLANK	NONE	NONE	0
207	BLANK	NONE	NONE	0
208	BLANK	NONE	NONE	0

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

240	BLANK	NONE	NONE	0	N/A
241	BLANK	NONE	NONE	0	N/A
242	BLANK	NONE	NONE	0	N/A
243	BLANK	NONE	NONE	0	N/A
244	BLANK	NONE	NONE	0	N/A
245	BLANK	NONE	NONE	0	N/A
246	BLANK	NONE	NONE	0	N/A
247	BLANK	NONE	NONE	0	N/A
248	BLANK	NONE	NONE	0	N/A
249	BLANK	NONE	NONE	0	N/A
250	BLANK	NONE	NONE	0	N/A
251	BLANK	NONE	NONE	0	N/A
252	BLANK	NONE	NONE	0	N/A
253	BLANK	NONE	NONE	0	N/A
254	BLANK	NONE	NONE	0	N/A
255	BLANK	NONE	NONE	0	N/A
256	BLANK	NONE	NONE	0	N/A
257	BLANK	NONE	NONE	0	N/A
258	BLANK	NONE	NONE	0	N/A
259	BLANK	NONE	NONE	0	N/A
260	BLANK	NONE	NONE	0	N/A
261	BLANK	NONE	NONE	0	N/A
262	BLANK	NONE	NONE	0	N/A
263	BLANK	NONE	NONE	0	N/A
264	BLANK	NONE	NONE	0	N/A
265	BLANK	NONE	NONE	0	N/A
266	BLANK	NONE	NONE	0	N/A
267	BLANK	NONE	NONE	0	N/A
268	BLANK	NONE	NONE	0	N/A
269	BLANK	NONE	NONE	0	N/A

270	BLANK	NONE	NONE	0	N/A
271	BLANK	NONE	NONE	0	N/A
272	BLANK	NONE	NONE	0	N/A
273	BLANK	NONE	NONE	0	N/A
274	BLANK	NONE	NONE	0	N/A
275	BLANK	NONE	NONE	0	N/A
276	BLANK	NONE	NONE	0	N/A
277	BLANK	NONE	NONE	0	N/A
278	BLANK	NONE	NONE	0	N/A
279	BLANK	NONE	NONE	0	N/A
280	BLANK	NONE	NONE	0	N/A
281	BLANK	NONE	NONE	0	N/A
282	BLANK	NONE	NONE	0	N/A
283	BLANK	NONE	NONE	0	N/A
284	BLANK	NONE	NONE	0	N/A
285	BLANK	NONE	NONE	0	N/A
286	BLANK	NONE	NONE	0	N/A
287	BLANK	NONE	NONE	0	N/A
288	BLANK	NONE	NONE	0	N/A
289	BLANK	NONE	NONE	0	N/A
290	BLANK	NONE	NONE	0	N/A
291	BLANK	NONE	NONE	0	N/A
292	BLANK	NONE	NONE	0	N/A
293	BLANK	NONE	NONE	0	N/A
294	BLANK	NONE	NONE	0	N/A
295	BLANK	NONE	NONE	0	N/A
296	BLANK	NONE	NONE	0	N/A
297	BLANK	NONE	NONE	0	N/A
298	BLANK	NONE	NONE	0	N/A
299	BLANK	NONE	NONE	0	N/A

360	BLANK	NONE	NONE	0	N/A
361	BLANK	NONE	NONE	0	N/A
362	BLANK	NONE	NONE	0	N/A
363	BLANK	NONE	NONE	0	N/A
364	BLANK	NONE	NONE	0	N/A
365	BLANK	NONE	NONE	0	N/A
366	BLANK	NONE	NONE	0	N/A
367	BLANK	NONE	NONE	0	N/A
368	BLANK	NONE	NONE	0	N/A
369	BLANK	NONE	NONE	0	N/A
370	BLANK	NONE	NONE	0	N/A
371	BLANK	NONE	NONE	0	N/A
372	BLANK	NONE	NONE	0	N/A
373	BLANK	NONE	NONE	0	N/A
374	BLANK	NONE	NONE	0	N/A
375	BLANK	NONE	NONE	0	N/A
376	BLANK	NONE	NONE	0	N/A
377	BLANK	NONE	NONE	0	N/A
378	BLANK	NONE	NONE	0	N/A
379	BLANK	NONE	NONE	0	N/A
380	BLANK	NONE	NONE	0	N/A
381	BLANK	NONE	NONE	0	N/A
382	BLANK	NONE	NONE	0	N/A
383	BLANK	NONE	NONE	0	N/A
384	BLANK	NONE	NONE	0	N/A
385	BLANK	NONE	NONE	0	N/A
386	BLANK	NONE	NONE	0	N/A
387	BLANK	NONE	NONE	0	N/A
388	BLANK	NONE	NONE	0	N/A
389	BLANK	NONE	NONE	0	N/A

