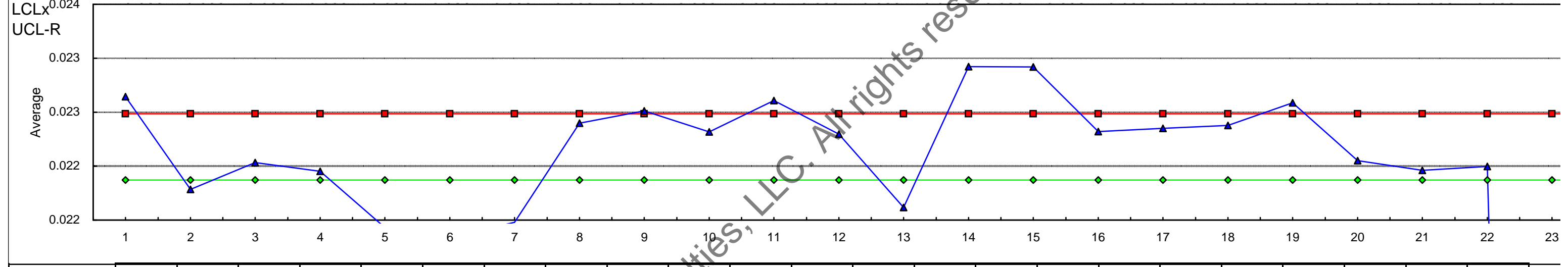
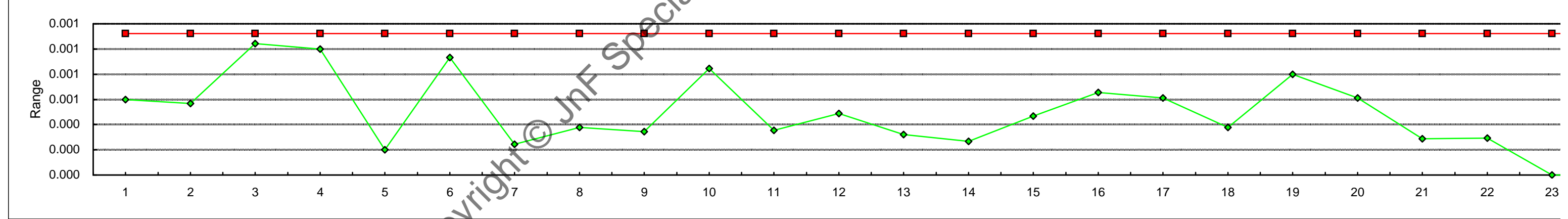


Sample #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	18	19	20	21	22
Comments:																							
Date:																							
Time:	11:19	11:35	11:51	12:07	12:30	01:30	03:30	06:09	06:58	07:46	08:34	09:22	10:11	10:59	11:47	12:35	01:24	01:24	02:12	04:44	05:33	06:21	
Operator:	YS	YS	YS	YS	RC	RC	RC	IS	IS	RC	DD	DD	IS	IS	RC	DD	YS	DD	DD	IS	IS	IS	
Sample 1	0.0229	0.0215	0.0218	0.0217	0.0214	0.0208	0.0216	0.0225	0.0225	0.0223	0.0226	0.0221	0.0214	0.0230	0.0226	0.0227	0.0222	0.0223	0.0230	0.0221	0.0220	0.0220	
Sample 2	0.0228	0.0220	0.0216	0.0224	0.0213	0.0216	0.0213	0.0223	0.0226	0.0224	0.0227	0.0225	0.0217	0.0228	0.0227	0.0220	0.0226	0.0224	0.0226	0.0219	0.0218	0.0218	
Sample 3	0.0223	0.0217	0.0226	0.0220	0.0215	0.0217	0.0216	0.0222	0.0224	0.0228	0.0224	0.0222	0.0217	0.0229	0.0231	0.0226	0.0221	0.0226	0.0222	0.0219	0.0219	0.0220	
Sample 4	0.0224	0.0218	0.0222	0.0214	0.0215	0.0212	0.0215	0.0224	0.0223	0.0219	0.0227	0.0221	0.0217	0.0229	0.0230	0.0222	0.0222	0.0224	0.0228	0.0219	0.0219	0.0220	
Sample 5	0.0227	0.0219	0.0220	0.0223	0.0215	0.0214	0.0215	0.0225	0.0227	0.0222	0.0226	0.0226	0.0217	0.0230	0.0231	0.0222	0.0227	0.0222	0.0223	0.0225	0.0221	0.0221	
Sum:	0.1132	0.1089	0.1102	0.1098	0.1072	0.1067	0.1074	0.1120	0.1126	0.1116	0.1130	0.1115	0.1081	0.1146	0.1146	0.1116	0.1118	0.1119	0.1129	0.1103	0.1098	0.1100	
Average: (x)	0.0226	0.0218	0.0220	0.0220	0.0214	0.0213	0.0215	0.0224	0.0225	0.0223	0.0226	0.0223	0.0216	0.0229	0.0229	0.0223	0.0224	0.0224	0.0226	0.0221	0.0220	0.0220	
Range - R	0.0006	0.0006	0.0010	0.0010	0.0002	0.0009	0.0002	0.0004	0.0003	0.0008	0.0004	0.0005	0.0003	0.0003	0.0005	0.0007	0.0006	0.0004	0.0008	0.0006	0.0003	0.0003	
Xbar Control ?	?	?	O.K.	O.K.	?	?	?	O.K.	?	O.K.	?	O.K.	?	?	?	O.K.	O.K.	O.K.	?	O.K.	O.K.	O.K.	

UCLx	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
LCLx	0.024																						



Range Control ?	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	O.K.	
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The upper and lower control limit calculations are located under the x-bar graph