

## ASTM E2709/E2810 Acceptance Limit Tables

90% Confidence Level and 95% Coverage (i.e., Probability of Passing USP UDU)

Sampling Plan 1: (1 dosage unit tested from n locations (nx1)), where n=10 – 500

[Sample Mean found in either Column 1 or 2]

		<b>Upper Bound on the Standard Deviation</b>														
		<b>Sample Size</b>														
<b>Sample Mean</b>		<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>200</b>	<b>500</b>
100.0	100.0	3.211	4.079	4.479	4.719	4.883	5.002	5.095	5.168	5.229	5.279	5.377	5.448	5.502	5.545	5.767
100.1	99.9	3.192	4.055	4.454	4.695	4.859	4.979	5.073	5.147	5.208	5.260	5.359	5.431	5.486	5.530	5.756
100.2	99.8	3.172	4.031	4.429	4.670	4.834	4.955	5.049	5.125	5.186	5.238	5.339	5.412	5.468	5.513	5.744
100.3	99.7	3.153	4.007	4.403	4.644	4.809	4.931	5.025	5.101	5.163	5.216	5.318	5.392	5.449	5.495	5.730
100.4	99.6	3.134	3.983	4.377	4.617	4.783	4.905	5.000	5.076	5.139	5.192	5.295	5.370	5.428	5.474	5.714
100.5	99.5	3.115	3.958	4.351	4.591	4.756	4.878	4.973	5.050	5.114	5.167	5.271	5.347	5.406	5.453	5.697
100.6	99.4	3.095	3.934	4.325	4.564	4.729	4.851	4.946	5.023	5.087	5.141	5.246	5.322	5.382	5.429	5.678
100.7	99.3	3.076	3.910	4.299	4.536	4.701	4.823	4.919	4.996	5.060	5.114	5.219	5.297	5.357	5.405	5.656
100.8	99.2	3.057	3.885	4.272	4.509	4.673	4.795	4.890	4.968	5.032	5.086	5.192	5.270	5.330	5.379	5.634
100.9	99.1	3.037	3.861	4.245	4.481	4.644	4.766	4.862	4.939	5.003	5.057	5.163	5.242	5.303	5.352	5.610
101.0	99.0	3.018	3.836	4.219	4.453	4.616	4.737	4.832	4.909	4.974	5.028	5.134	5.213	5.274	5.323	5.584
101.1	98.9	2.999	3.812	4.192	4.425	4.587	4.708	4.803	4.880	4.944	4.998	5.104	5.183	5.245	5.294	5.556
101.2	98.8	2.979	3.787	4.165	4.397	4.558	4.678	4.773	4.850	4.913	4.968	5.074	5.153	5.214	5.264	5.528
101.3	98.7	2.960	3.763	4.138	4.369	4.529	4.649	4.743	4.819	4.883	4.937	5.043	5.122	5.183	5.233	5.498
101.4	98.6	2.941	3.738	4.111	4.340	4.500	4.619	4.712	4.788	4.852	4.906	5.012	5.090	5.152	5.201	5.467
101.5	98.5	2.921	3.714	4.084	4.312	4.470	4.589	4.682	4.758	4.821	4.874	4.980	5.058	5.120	5.169	5.435
101.6	98.4	2.902	3.689	4.057	4.284	4.441	4.559	4.651	4.727	4.790	4.843	4.948	5.026	5.087	5.137	5.403
101.7	98.3	2.883	3.665	4.030	4.255	4.411	4.529	4.621	4.696	4.758	4.811	4.916	4.994	5.055	5.104	5.370
101.8	98.2	2.863	3.640	4.004	4.227	4.382	4.498	4.590	4.664	4.727	4.779	4.883	4.961	5.022	5.071	5.336
101.9	98.1	2.844	3.616	3.977	4.198	4.353	4.468	4.559	4.633	4.695	4.747	4.851	4.928	4.988	5.037	5.302
102.0	98.0	2.824	3.591	3.949	4.170	4.323	4.438	4.528	4.602	4.663	4.715	4.818	4.895	4.955	5.004	5.267
102.1	97.9	2.805	3.567	3.923	4.141	4.294	4.408	4.498	4.571	4.632	4.683	4.786	4.862	4.921	4.970	5.232
102.2	97.8	2.786	3.542	3.896	4.113	4.264	4.377	4.467	4.539	4.600	4.651	4.753	4.829	4.888	4.936	5.197
102.3	97.7	2.766	3.517	3.869	4.084	4.235	4.347	4.436	4.508	4.568	4.619	4.720	4.795	4.854	4.902	5.161
102.4	97.6	2.747	3.493	3.841	4.056	4.205	4.317	4.405	4.476	4.536	4.587	4.687	4.762	4.821	4.868	5.126
102.5	97.5	2.728	3.468	3.814	4.027	4.176	4.287	4.374	4.445	4.504	4.555	4.654	4.729	4.787	4.834	5.090
102.6	97.4	2.708	3.444	3.787	3.999	4.146	4.256	4.343	4.414	4.472	4.523	4.621	4.695	4.753	4.800	5.054
102.7	97.3	2.689	3.419	3.760	3.970	4.116	4.226	4.312	4.382	4.441	4.490	4.589	4.662	4.719	4.766	5.018
102.8	97.2	2.669	3.394	3.733	3.942	4.087	4.196	4.281	4.351	4.409	4.458	4.556	4.628	4.685	4.732	4.982
102.9	97.1	2.650	3.370	3.706	3.913	4.057	4.165	4.250	4.319	4.377	4.426	4.523	4.595	4.652	4.697	4.947
103.0	97.0	2.631	3.345	3.679	3.885	4.028	4.135	4.219	4.288	4.345	4.394	4.490	4.562	4.618	4.663	4.911
103.1	96.9	2.611	3.320	3.652	3.856	3.998	4.104	4.188	4.256	4.313	4.361	4.457	4.528	4.584	4.629	4.875
103.2	96.8	2.592	3.296	3.625	3.827	3.968	4.074	4.157	4.225	4.281	4.329	4.424	4.495	4.550	4.595	4.839
103.3	96.7	2.572	3.271	3.598	3.799	3.939	4.044	4.126	4.193	4.249	4.297	4.391	4.461	4.516	4.561	4.803
103.4	96.6	2.553	3.246	3.571	3.770	3.909	4.013	4.095	4.162	4.217	4.265	4.358	4.428	4.482	4.526	4.767
103.5	96.5	2.533	3.222	3.544	3.742	3.879	3.983	4.064	4.130	4.185	4.232	4.325	4.394	4.448	4.492	4.731
103.6	96.4	2.514	3.197	3.517	3.713	3.850	3.952	4.033	4.099	4.153	4.200	4.292	4.361	4.414	4.458	4.694
103.7	96.3	2.495	3.172	3.489	3.684	3.820	3.922	4.002	4.067	4.121	4.168	4.259	4.327	4.380	4.424	4.658
103.8	96.2	2.475	3.148	3.462	3.656	3.790	3.891	3.971	4.035	4.089	4.135	4.226	4.293	4.346	4.389	4.622
103.9	96.1	2.456	3.123	3.435	3.627	3.761	3.861	3.940	4.004	4.057	4.103	4.193	4.260	4.312	4.355	4.586
104.0	96.0	2.436	3.098	3.408	3.598	3.731	3.831	3.909	3.972	4.025	4.071	4.160	4.226	4.278	4.321	4.550
104.1	95.9	2.417	3.074	3.381	3.570	3.701	3.800	3.878	3.941	3.993	4.038	4.127	4.193	4.244	4.286	4.514
104.2	95.8	2.397	3.049	3.354	3.541	3.672	3.770	3.846	3.909	3.961	4.006	4.094	4.159	4.210	4.252	4.478
104.3	95.7	2.378	3.024	3.327	3.512	3.642	3.739	3.815	3.877	3.929	3.973	4.061	4.125	4.176	4.218	4.442
104.4	95.6	2.358	3.000	3.299	3.484	3.612	3.708	3.784	3.846	3.897	3.941	4.027	4.092	4.142	4.183	4.406
104.5	95.5	2.339	2.975	3.272	3.455	3.582	3.678	3.753	3.814	3.865	3.909	3.994	4.058	4.108	4.149	4.369
104.6	95.4	2.320	2.950	3.245	3.426	3.553	3.647	3.722	3.783	3.833	3.876	3.961	4.025	4.074	4.115	4.333
104.7	95.3	2.300	2.925	3.218	3.398	3.523	3.617	3.691	3.751	3.801	3.844	3.928	3.991	4.040	4.080	4.297
104.8	95.2	2.281	2.901	3.191	3.369	3.493	3.586	3.660	3.719	3.769	3.811	3.895	3.957	4.006	4.046	4.261
104.9	95.1	2.261	2.876	3.163	3.340	3.464	3.556	3.629	3.688	3.737	3.779	3.862	3.924	3.972	4.011	4.225
105.0	95.0	2.242	2.851	3.136	3.312	3.434	3.525	3.597	3.656	3.705	3.747	3.829	3.890	3.938	3.977	4.188

Continued

Upper Bound on the Standard Deviation																
		Sample Size														
Sample Mean		10	20	30	40	50	60	70	80	90	100	125	150	175	200	500
105.1	94.9	2.222	2.826	3.109	3.283	3.404	3.495	3.566	3.624	3.673	3.714	3.796	3.856	3.904	3.942	4.152
105.2	94.8	2.203	2.802	3.082	3.254	3.374	3.464	3.535	3.593	3.641	3.682	3.762	3.823	3.870	3.908	4.116
105.3	94.7	2.183	2.777	3.055	3.225	3.344	3.434	3.504	3.561	3.609	3.649	3.729	3.789	3.836	3.874	4.080
105.4	94.6	2.164	2.752	3.027	3.197	3.315	3.403	3.473	3.529	3.576	3.617	3.696	3.755	3.801	3.839	4.043
105.5	94.5	2.144	2.727	3.000	3.168	3.285	3.372	3.441	3.497	3.544	3.584	3.663	3.721	3.767	3.805	4.007
105.6	94.4	2.125	2.703	2.973	3.139	3.255	3.342	3.410	3.466	3.512	3.552	3.630	3.688	3.733	3.770	3.971
105.7	94.3	2.105	2.678	2.946	3.111	3.225	3.311	3.379	3.434	3.480	3.519	3.596	3.654	3.699	3.736	3.935
105.8	94.2	2.086	2.653	2.919	3.082	3.195	3.281	3.348	3.402	3.448	3.487	3.563	3.620	3.665	3.701	3.898
105.9	94.1	2.066	2.628	2.891	3.053	3.166	3.250	3.317	3.371	3.416	3.454	3.530	3.587	3.631	3.667	3.862
106.0	94.0	2.047	2.604	2.864	3.024	3.136	3.220	3.285	3.339	3.384	3.422	3.497	3.553	3.597	3.632	3.826
106.1	93.9	2.027	2.579	2.837	2.995	3.106	3.189	3.254	3.307	3.351	3.389	3.464	3.519	3.562	3.598	3.789
106.2	93.8	2.008	2.554	2.810	2.967	3.076	3.158	3.223	3.275	3.319	3.357	3.430	3.485	3.528	3.563	3.753
106.3	93.7	1.988	2.529	2.782	2.938	3.046	3.128	3.192	3.244	3.287	3.324	3.397	3.451	3.494	3.529	3.717
106.4	93.6	1.969	2.504	2.755	2.909	3.017	3.097	3.160	3.212	3.255	3.292	3.364	3.418	3.460	3.494	3.680
106.5	93.5	1.950	2.480	2.728	2.880	2.987	3.066	3.129	3.180	3.223	3.259	3.331	3.384	3.426	3.460	3.644
106.6	93.4	1.930	2.455	2.701	2.852	2.957	3.036	3.098	3.148	3.191	3.227	3.297	3.350	3.392	3.425	3.608
106.7	93.3	1.911	2.430	2.673	2.823	2.927	3.005	3.067	3.117	3.158	3.194	3.264	3.316	3.357	3.391	3.571
106.8	93.2	1.891	2.405	2.646	2.794	2.897	2.975	3.035	3.085	3.126	3.161	3.231	3.283	3.323	3.356	3.535
106.9	93.1	1.872	2.381	2.619	2.765	2.867	2.944	3.004	3.053	3.094	3.129	3.198	3.249	3.289	3.321	3.498
107.0	93.0	1.852	2.356	2.592	2.737	2.838	2.913	2.973	3.021	3.062	3.096	3.164	3.215	3.255	3.287	3.462
107.1	92.9	1.833	2.331	2.564	2.708	2.808	2.883	2.942	2.990	3.030	3.064	3.131	3.181	3.220	3.252	3.426
107.2	92.8	1.813	2.306	2.537	2.679	2.778	2.852	2.910	2.958	2.997	3.031	3.098	3.147	3.186	3.218	3.389
107.3	92.7	1.794	2.281	2.510	2.650	2.748	2.821	2.879	2.926	2.965	2.999	3.064	3.114	3.152	3.183	3.353
107.4	92.6	1.774	2.257	2.482	2.621	2.718	2.791	2.848	2.894	2.933	2.966	3.031	3.080	3.118	3.149	3.316
107.5	92.5	1.755	2.232	2.455	2.593	2.688	2.760	2.816	2.862	2.901	2.933	2.998	3.046	3.084	3.114	3.280
107.6	92.4	1.735	2.207	2.428	2.564	2.658	2.729	2.785	2.831	2.869	2.901	2.965	3.012	3.049	3.080	3.244
107.7	92.3	1.716	2.182	2.401	2.535	2.629	2.699	2.754	2.799	2.836	2.868	2.931	2.978	3.015	3.045	3.207
107.8	92.2	1.696	2.157	2.373	2.506	2.599	2.668	2.723	2.767	2.804	2.836	2.898	2.944	2.981	3.010	3.171
107.9	92.1	1.677	2.133	2.346	2.477	2.569	2.637	2.691	2.735	2.772	2.803	2.865	2.911	2.947	2.976	3.134
108.0	92.0	1.657	2.108	2.319	2.449	2.539	2.607	2.660	2.703	2.740	2.771	2.831	2.877	2.912	2.941	3.098
108.1	91.9	1.638	2.083	2.292	2.420	2.509	2.576	2.629	2.672	2.708	2.738	2.798	2.843	2.878	2.907	3.061
108.2	91.8	1.618	2.058	2.264	2.391	2.479	2.545	2.598	2.640	2.675	2.705	2.765	2.809	2.844	2.872	3.025
108.3	91.7	1.599	2.033	2.237	2.362	2.449	2.515	2.566	2.608	2.643	2.673	2.732	2.775	2.810	2.837	2.989
108.4	91.6	1.579	2.009	2.210	2.333	2.420	2.484	2.535	2.576	2.611	2.640	2.698	2.741	2.775	2.803	2.952
108.5	91.5	1.560	1.984	2.182	2.305	2.390	2.453	2.504	2.544	2.579	2.608	2.665	2.708	2.741	2.768	2.916
108.6	91.4	1.540	1.959	2.155	2.276	2.360	2.423	2.472	2.513	2.546	2.575	2.632	2.674	2.707	2.734	2.879
108.7	91.3	1.521	1.934	2.128	2.247	2.330	2.392	2.441	2.481	2.514	2.542	2.598	2.640	2.673	2.699	2.843
108.8	91.2	1.501	1.909	2.101	2.218	2.300	2.361	2.410	2.449	2.482	2.510	2.565	2.606	2.638	2.664	2.806
108.9	91.1	1.482	1.885	2.073	2.189	2.270	2.331	2.378	2.417	2.450	2.477	2.532	2.572	2.604	2.630	2.770
109.0	91.0	1.462	1.860	2.046	2.161	2.240	2.300	2.347	2.385	2.417	2.445	2.498	2.538	2.570	2.595	2.734
109.1	90.9	1.443	1.835	2.019	2.132	2.210	2.269	2.316	2.354	2.385	2.412	2.465	2.505	2.536	2.561	2.697
109.2	90.8	1.423	1.810	1.991	2.103	2.181	2.239	2.285	2.322	2.353	2.379	2.432	2.471	2.501	2.526	2.661
109.3	90.7	1.404	1.785	1.964	2.074	2.151	2.208	2.253	2.290	2.321	2.347	2.398	2.437	2.467	2.491	2.624
109.4	90.6	1.384	1.761	1.937	2.045	2.121	2.177	2.222	2.258	2.289	2.314	2.365	2.403	2.433	2.457	2.588
109.5	90.5	1.365	1.736	1.910	2.017	2.091	2.147	2.191	2.226	2.256	2.282	2.332	2.369	2.398	2.422	2.551
109.6	90.4	1.345	1.711	1.882	1.988	2.061	2.116	2.159	2.195	2.224	2.249	2.298	2.335	2.364	2.388	2.515
109.7	90.3	1.326	1.686	1.855	1.959	2.031	2.085	2.128	2.163	2.192	2.217	2.265	2.301	2.330	2.353	2.478
109.8	90.2	1.306	1.661	1.828	1.930	2.001	2.055	2.097	2.131	2.160	2.184	2.232	2.268	2.296	2.318	2.442
109.9	90.1	1.287	1.637	1.801	1.901	1.971	2.024	2.066	2.099	2.127	2.151	2.199	2.234	2.261	2.284	2.406
110.0	90.0	1.267	1.612	1.773	1.872	1.942	1.993	2.034	2.067	2.095	2.119	2.165	2.200	2.227	2.249	2.369

Continued

Upper Bound on the Standard Deviation																
		Sample Size														
Sample Mean		10	20	30	40	50	60	70	80	90	100	125	150	175	200	500
110.1	89.9	1.248	1.587	1.746	1.844	1.912	1.963	2.003	2.036	2.063	2.086	2.132	2.166	2.193	2.215	2.333
110.2	89.8	1.228	1.562	1.719	1.815	1.882	1.932	1.972	2.004	2.031	2.054	2.099	2.132	2.159	2.180	2.296
110.3	89.7	1.209	1.537	1.691	1.786	1.852	1.901	1.940	1.972	1.998	2.021	2.065	2.098	2.124	2.145	2.260
110.4	89.6	1.189	1.513	1.664	1.757	1.822	1.871	1.909	1.940	1.966	1.988	2.032	2.065	2.090	2.111	2.223
110.5	89.5	1.170	1.488	1.637	1.728	1.792	1.840	1.878	1.908	1.934	1.956	1.999	2.031	2.056	2.076	2.187
110.6	89.4	1.150	1.463	1.610	1.700	1.762	1.809	1.846	1.877	1.902	1.923	1.965	1.997	2.022	2.042	2.150
110.7	89.3	1.131	1.438	1.582	1.671	1.732	1.779	1.815	1.845	1.869	1.891	1.932	1.963	1.987	2.007	2.114
110.8	89.2	1.111	1.413	1.555	1.642	1.703	1.748	1.784	1.813	1.837	1.858	1.899	1.929	1.953	1.972	2.077
110.9	89.1	1.092	1.389	1.528	1.613	1.673	1.717	1.753	1.781	1.805	1.825	1.865	1.895	1.919	1.938	2.041
111.0	89.0	1.072	1.364	1.500	1.584	1.643	1.687	1.721	1.749	1.773	1.793	1.832	1.861	1.884	1.903	2.005
111.1	88.9	1.053	1.339	1.473	1.556	1.613	1.656	1.690	1.717	1.741	1.760	1.799	1.828	1.850	1.869	1.968
111.2	88.8	1.033	1.314	1.446	1.527	1.583	1.625	1.659	1.686	1.708	1.728	1.765	1.794	1.816	1.834	1.932
111.3	88.7	1.014	1.289	1.419	1.498	1.553	1.595	1.627	1.654	1.676	1.695	1.732	1.760	1.782	1.799	1.895
111.4	88.6	0.994	1.265	1.391	1.469	1.523	1.564	1.596	1.622	1.644	1.662	1.699	1.726	1.747	1.765	1.859
111.5	88.5	0.975	1.240	1.364	1.440	1.493	1.533	1.565	1.590	1.612	1.630	1.666	1.692	1.713	1.730	1.822
111.6	88.4	0.955	1.215	1.337	1.411	1.464	1.503	1.533	1.558	1.579	1.597	1.632	1.658	1.679	1.696	1.786
111.7	88.3	0.936	1.190	1.309	1.383	1.434	1.472	1.502	1.527	1.547	1.565	1.599	1.625	1.645	1.661	1.749
111.8	88.2	0.916	1.165	1.282	1.354	1.404	1.441	1.471	1.495	1.515	1.532	1.566	1.591	1.610	1.626	1.713
111.9	88.1	0.897	1.141	1.255	1.325	1.374	1.411	1.440	1.463	1.483	1.499	1.532	1.557	1.576	1.592	1.677
112.0	88.0	0.877	1.116	1.228	1.296	1.344	1.380	1.408	1.431	1.450	1.467	1.499	1.523	1.542	1.557	1.640
112.1	87.9	0.858	1.091	1.200	1.267	1.314	1.349	1.377	1.399	1.418	1.434	1.466	1.489	1.508	1.522	1.604
112.2	87.8	0.838	1.066	1.173	1.239	1.284	1.319	1.346	1.368	1.386	1.402	1.432	1.455	1.473	1.488	1.567
112.3	87.7	0.819	1.041	1.146	1.210	1.254	1.288	1.314	1.336	1.354	1.369	1.399	1.421	1.439	1.453	1.531
112.4	87.6	0.799	1.017	1.118	1.181	1.225	1.257	1.283	1.304	1.321	1.336	1.366	1.388	1.405	1.419	1.494
112.5	87.5	0.780	0.992	1.091	1.152	1.195	1.227	1.252	1.272	1.289	1.304	1.332	1.354	1.370	1.384	1.458
112.6	87.4	0.760	0.967	1.064	1.123	1.165	1.196	1.220	1.240	1.257	1.271	1.299	1.320	1.336	1.349	1.421
112.7	87.3	0.741	0.942	1.037	1.095	1.135	1.165	1.189	1.209	1.225	1.239	1.266	1.286	1.302	1.315	1.385
112.8	87.2	0.721	0.917	1.009	1.066	1.105	1.135	1.158	1.177	1.192	1.206	1.232	1.252	1.268	1.280	1.348
112.9	87.1	0.702	0.893	0.982	1.037	1.075	1.104	1.127	1.145	1.160	1.173	1.199	1.218	1.233	1.246	1.312
113.0	87.0	0.682	0.868	0.955	1.008	1.045	1.073	1.095	1.113	1.128	1.141	1.166	1.184	1.199	1.211	1.276
113.1	86.9	0.663	0.843	0.927	0.979	1.015	1.043	1.064	1.081	1.096	1.108	1.132	1.151	1.165	1.176	1.239
113.2	86.8	0.643	0.818	0.900	0.950	0.986	1.012	1.033	1.049	1.064	1.076	1.099	1.117	1.131	1.142	1.203
113.3	86.7	0.624	0.793	0.873	0.922	0.956	0.981	1.001	1.018	1.031	1.043	1.066	1.083	1.096	1.107	1.166
113.4	86.6	0.604	0.769	0.846	0.893	0.926	0.951	0.970	0.986	0.999	1.010	1.032	1.049	1.062	1.073	1.130
113.5	86.5	0.585	0.744	0.818	0.864	0.896	0.920	0.939	0.954	0.967	0.978	0.999	1.015	1.028	1.038	1.093
113.6	86.4	0.565	0.719	0.791	0.835	0.866	0.889	0.907	0.922	0.935	0.945	0.966	0.981	0.993	1.003	1.057
113.7	86.3	0.546	0.694	0.764	0.806	0.836	0.859	0.876	0.890	0.902	0.913	0.933	0.947	0.959	0.969	1.020
113.8	86.2	0.526	0.669	0.736	0.778	0.806	0.828	0.845	0.859	0.870	0.880	0.899	0.914	0.925	0.934	0.984
113.9	86.1	0.507	0.645	0.709	0.749	0.776	0.797	0.813	0.827	0.838	0.847	0.866	0.880	0.891	0.899	0.947
114.0	86.0	0.487	0.620	0.682	0.720	0.747	0.766	0.782	0.795	0.806	0.815	0.833	0.846	0.856	0.865	0.911
114.1	85.9	0.468	0.595	0.655	0.691	0.717	0.736	0.751	0.763	0.773	0.782	0.799	0.812	0.822	0.830	0.874
114.2	85.8	0.448	0.570	0.627	0.662	0.687	0.705	0.720	0.731	0.741	0.749	0.766	0.778	0.788	0.796	0.838
114.3	85.7	0.429	0.545	0.600	0.634	0.657	0.674	0.688	0.699	0.709	0.717	0.733	0.744	0.754	0.761	0.802
114.4	85.6	0.409	0.521	0.573	0.605	0.627	0.644	0.657	0.668	0.677	0.684	0.699	0.710	0.719	0.726	0.765
114.5	85.5	0.390	0.496	0.545	0.576	0.597	0.613	0.626	0.636	0.644	0.652	0.666	0.677	0.685	0.692	0.729
114.6	85.4	0.370	0.471	0.518	0.547	0.567	0.582	0.594	0.604	0.612	0.619	0.633	0.643	0.651	0.657	0.692
114.7	85.3	0.351	0.446	0.491	0.518	0.537	0.552	0.563	0.572	0.580	0.586	0.599	0.609	0.616	0.622	0.656
114.8	85.2	0.331	0.421	0.463	0.489	0.507	0.521	0.532	0.540	0.548	0.554	0.566	0.575	0.582	0.588	0.619
114.9	85.1	0.312	0.396	0.436	0.461	0.478	0.490	0.500	0.509	0.515	0.521	0.533	0.541	0.548	0.553	0.583