

# 酒類中乙醇之檢驗方法

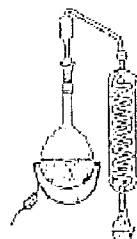
## Method of Test for Alcoholic Beverages - Test of Ethanol

91年11月22日行政院衛生署衛署藥檢字第0910074327號公告制訂  
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1. 適用範圍：本檢驗方法適用於酒類中乙醇之檢驗。
2. 檢驗方法：比重測定法  
(Method by volume from specific gravity)。

### 2.1. 裝置：

- 2.1.1. 蒸餾裝置 (如圖一)。
- 2.1.2. 比重計 (Hydrometer)。



### 2.2. 試藥：

氫氧化鈉採用化學試藥特級。

### 2.3. 器具及材料：

- 2.3.1. 加熱套 (Heating mantle)。
- 2.3.2. 容量瓶：100 mL。
- 2.3.3. 溫度計。

圖一、蒸餾裝置

### 2.4. 檢液之調製：

含二氧化碳之檢體應先去除二氧化碳。葡萄酒類需先以1N氫氧化鈉溶液中和之。精量取檢體100 mL，置於蒸餾瓶中，加水50mL，蒸餾，收集餾出液95 mL，以水將冷凝管底端殘液洗至接收瓶中，調溫度至20°C，加水定容至100 mL，供作檢液。

### 2.5. 含量測定：

檢液以比重計測定，依據比重與乙醇含量對照表，求出檢體中乙醇之含量 (%，v/v)。

備註：檢體中若有影響檢驗結果之物質，應自行探討。

附表 比重與乙醇含量對照表

Percentages by volume at 20°C of ethyl alcohol corresponding to apparent specific gravity<sup>a,b</sup>

Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20
1.0000	0.00	0.9930	4.84	0.9860	10.36	0.9790	16.46	0.9720	22.96
0.9999	0.07	0.9929	4.91	0.9859	10.44	0.9789	16.55	0.9719	23.06
0.9998	0.13	0.9928	4.98	0.9858	10.53	0.9788	16.64	0.9718	23.15
0.9997	0.20	0.9927	5.06	0.9857	10.61	0.9787	16.73	0.9717	23.24
0.9996	0.26	0.9926	5.13	0.9856	10.69	0.9786	16.83	0.9716	23.33
0.9995	0.33	0.9925	5.21	0.9855	10.78	0.9785	16.92	0.9715	23.42
0.9994	0.40	0.9924	5.28	0.9854	10.86	0.9784	17.01	0.9714	23.51
0.9993	0.46	0.9923	5.36	0.9853	10.94	0.9783	17.10	0.9713	23.60
0.9992	0.53	0.9922	5.43	0.9852	11.03	0.9782	17.20	0.9712	23.69
0.9991	0.60	0.9921	5.51	0.9851	11.11	0.9781	17.29	0.9711	23.78
0.9990	0.66	0.9920	5.58	0.9850	11.19	0.9780	17.38	0.9710	23.87
0.9989	0.73	0.9919	5.66	0.9849	11.28	0.9779	17.47	0.9709	23.95
0.9988	0.80	0.9918	5.73	0.9848	11.36	0.9778	17.57	0.9708	24.04
0.9987	0.87	0.9917	5.81	0.9847	11.45	0.9777	17.66	0.9707	24.13
0.9986	0.93	0.9916	5.88	0.9846	11.53	0.9776	17.75	0.9706	24.22
0.9985	1.00	0.9915	5.96	0.9845	11.61	0.9775	17.84	0.9705	24.31
0.9984	1.07	0.9914	6.03	0.9844	11.70	0.9774	17.94	0.9704	24.40
0.9983	1.14	0.9913	6.11	0.9843	11.78	0.9773	18.03	0.9703	24.49
0.9982	1.20	0.9912	6.18	0.9842	11.87	0.9772	18.12	0.9702	24.58
0.9981	1.27	0.9911	6.26	0.9841	11.95	0.9771	18.22	0.9701	24.66
0.9980	1.34	0.9910	6.34	0.9840	12.04	0.9770	18.31	0.9700	24.75
0.9979	1.41	0.9909	6.41	0.9839	12.12	0.9769	18.40	0.9699	24.84
0.9978	1.48	0.9908	6.49	0.9838	12.21	0.9768	18.50	0.9698	24.93
0.9977	1.54	0.9907	6.57	0.9837	12.29	0.9767	18.59	0.9697	25.01
0.9976	1.61	0.9906	6.65	0.9836	12.38	0.9766	18.69	0.9696	25.10
0.9975	1.68	0.9905	6.73	0.9835	12.47	0.9765	18.78	0.9695	25.19
0.9974	1.75	0.9904	6.80	0.9834	12.55	0.9764	18.88	0.9694	25.28
0.9973	1.81	0.9903	6.88	0.9833	12.64	0.9763	18.97	0.9693	25.36
0.9972	1.88	0.9902	6.96	0.9832	12.73	0.9762	19.07	0.9692	25.45
0.9971	1.95	0.9901	7.04	0.9831	12.81	0.9761	19.16	0.9691	25.54
0.9970	2.02	0.9900	7.12	0.9830	12.90	0.9760	19.26	0.9690	25.62
0.9969	2.09	0.9899	7.19	0.9829	12.99	0.9759	19.35	0.9689	25.71
0.9968	2.15	0.9898	7.27	0.9828	13.07	0.9758	19.45	0.9688	25.80
0.9967	2.22	0.9897	7.35	0.9827	13.16	0.9757	19.54	0.9687	25.89
0.9966	2.29	0.9896	7.43	0.9826	13.25	0.9756	19.64	0.9686	25.98
0.9965	2.36	0.9895	7.51	0.9825	13.34	0.9755	19.73	0.9685	26.06
0.9964	2.43	0.9894	7.59	0.9824	13.43	0.9754	19.83	0.9684	26.15
0.9963	2.50	0.9893	7.67	0.9823	13.51	0.9753	19.92	0.9683	26.24
0.9962	2.57	0.9892	7.75	0.9822	13.60	0.9752	20.02	0.9682	26.33
0.9961	2.64	0.9891	7.82	0.9821	13.68	0.9751	20.11	0.9681	26.41
0.9960	2.70	0.9890	7.90	0.9820	13.77	0.9750	20.20	0.9680	26.50
0.9959	2.77	0.9889	7.98	0.9819	13.86	0.9749	20.30	0.9679	26.59
0.9958	2.84	0.9888	8.06	0.9818	13.95	0.9748	20.39	0.9678	26.67
0.9957	2.91	0.9887	8.15	0.9817	14.04	0.9747	20.48	0.9677	26.76
0.9956	2.98	0.9886	8.23	0.9816	14.13	0.9746	20.58	0.9676	26.84
0.9955	3.05	0.9885	8.31	0.9815	14.22	0.9745	20.67	0.9675	26.93
0.9954	3.12	0.9884	8.39	0.9814	14.30	0.9744	20.76	0.9674	27.01
0.9953	3.19	0.9883	8.47	0.9813	14.39	0.9743	20.86	0.9673	27.10
0.9952	3.26	0.9882	8.55	0.9812	14.48	0.9742	20.95	0.9672	27.19
0.9951	3.33	0.9881	8.63	0.9811	14.57	0.9741	21.04	0.9671	27.27
0.9950	3.40	0.9880	8.71	0.9810	14.66	0.9740	21.14	0.9670	27.36
0.9949	3.47	0.9879	8.79	0.9809	14.75	0.9739	21.23	0.9669	27.44
0.9948	3.54	0.9878	8.88	0.9808	14.84	0.9738	21.32	0.9668	27.52
0.9947	3.61	0.9877	8.96	0.9807	14.93	0.9737	21.41	0.9667	27.61
0.9946	3.68	0.9876	9.04	0.9806	15.02	0.9736	21.50	0.9666	27.69
0.9945	3.76	0.9875	9.13	0.9805	15.11	0.9735	21.60	0.9665	27.77
0.9944	3.83	0.9874	9.21	0.9804	15.20	0.9734	21.69	0.9664	27.86
0.9943	3.90	0.9873	9.29	0.9803	15.28	0.9733	21.78	0.9663	27.94
0.9942	3.97	0.9872	9.38	0.9802	15.37	0.9732	21.87	0.9662	28.02
0.9941	4.04	0.9871	9.46	0.9801	15.46	0.9731	21.96	0.9661	28.11
0.9940	4.11	0.9870	9.54	0.9800	15.55	0.9730	22.05	0.9660	28.19
0.9939	4.18	0.9869	9.62	0.9799	15.64	0.9729	22.14	0.9659	28.28
0.9938	4.26	0.9868	9.70	0.9798	15.73	0.9728	22.24	0.9658	28.36
0.9937	4.33	0.9867	9.79	0.9797	15.82	0.9727	22.33	0.9657	28.44
0.9936	4.40	0.9866	9.87	0.9796	15.91	0.9726	22.42	0.9656	28.53
0.9935	4.48	0.9865	9.95	0.9795	16.00	0.9725	22.51	0.9655	28.61
0.9934	4.55	0.9864	10.03	0.9794	16.10	0.9724	22.60	0.9654	28.69
0.9933	4.62	0.9863	10.11	0.9793	16.19	0.9723	22.69	0.9653	28.78
0.9932	4.69	0.9862	10.20	0.9792	16.28	0.9722	22.78	0.9652	28.86
0.9931	4.77	0.9861	10.28	0.9791	16.37	0.9721	22.87	0.9651	28.94

a Compiled at National Bureau of Standards. Table is based on data published in Bull. Natl. Bur. Std. 9(3) (1913), (Sci. Paper No. 197).

b AOAC Official Methods of Analysis 913.02. 1995. Appendix C, pp. 2-20.

附表 比重與乙醇含量對照表

Percentages by volume at 20°C of ethyl alcohol corresponding to apparent specific gravity<sup>a,b</sup>

Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20
0.9650	29.03	0.9580	34.41	0.9510	39.10	0.9440	43.33	0.9370	47.20
0.9649	29.11	0.9579	34.48	0.9509	39.16	0.9439	43.39	0.9369	47.26
0.9648	29.19	0.9578	34.56	0.9508	39.23	0.9438	43.44	0.9368	47.31
0.9647	29.27	0.9577	34.63	0.9507	39.29	0.9437	43.50	0.9367	47.36
0.9646	29.35	0.9576	34.70	0.9506	39.35	0.9436	43.56	0.9366	47.42
0.9645	29.44	0.9575	34.77	0.9505	39.41	0.9435	43.62	0.9365	47.47
0.9644	29.52	0.9574	34.84	0.9504	39.48	0.9434	43.67	0.9364	47.52
0.9643	29.60	0.9573	34.91	0.9503	39.54	0.9433	43.73	0.9363	47.58
0.9642	29.68	0.9572	34.98	0.9502	39.60	0.9432	43.78	0.9362	47.63
0.9641	29.76	0.9571	35.05	0.9501	39.67	0.9431	43.85	0.9361	47.68
0.9640	29.85	0.9570	35.12	0.9500	39.73	0.9430	43.90	0.9360	47.73
0.9639	29.93	0.9569	35.19	0.9499	39.79	0.9429	43.96	0.9359	47.79
0.9638	30.01	0.9568	35.26	0.9498	39.85	0.9428	44.02	0.9358	47.84
0.9637	30.09	0.9567	35.33	0.9497	39.91	0.9427	44.07	0.9357	47.89
0.9636	30.17	0.9566	35.40	0.9496	39.98	0.9426	44.13	0.9356	47.94
0.9635	30.25	0.9565	35.47	0.9495	40.04	0.9425	44.18	0.9355	48.00
0.9634	30.34	0.9564	35.54	0.9494	40.10	0.9424	44.24	0.9354	48.05
0.9633	30.42	0.9563	35.61	0.9493	40.16	0.9423	44.30	0.9353	48.10
0.9632	30.50	0.9562	35.68	0.9492	40.22	0.9422	44.35	0.9352	48.15
0.9631	30.58	0.9561	35.75	0.9491	40.29	0.9421	44.41	0.9351	48.21
0.9630	30.66	0.9560	35.82	0.9490	40.35	0.9420	44.46	0.9350	48.26
0.9629	30.74	0.9559	35.88	0.9489	40.41	0.9419	44.52	0.9349	48.31
0.9628	30.82	0.9558	35.95	0.9488	40.47	0.9418	44.58	0.9348	48.36
0.9627	30.89	0.9557	36.02	0.9487	40.53	0.9417	44.63	0.9347	48.41
0.9626	30.97	0.9556	36.09	0.9486	40.59	0.9416	44.69	0.9346	48.47
0.9625	31.05	0.9555	36.15	0.9485	40.65	0.9415	44.74	0.9345	48.52
0.9624	31.13	0.9554	36.22	0.9484	40.71	0.9414	44.80	0.9344	48.57
0.9623	31.20	0.9553	36.29	0.9483	40.78	0.9413	44.86	0.9343	48.62
0.9622	31.28	0.9552	36.36	0.9482	40.84	0.9412	44.91	0.9342	48.68
0.9621	31.36	0.9551	36.42	0.9481	40.90	0.9411	44.97	0.9341	48.73
0.9620	31.44	0.9550	36.49	0.9480	40.96	0.9410	45.03	0.9340	48.78
0.9619	31.52	0.9549	36.56	0.9479	41.02	0.9409	45.08	0.9339	48.83
0.9618	31.59	0.9548	36.63	0.9478	41.08	0.9408	45.14	0.9338	48.88
0.9617	31.67	0.9547	36.69	0.9477	41.14	0.9407	45.19	0.9337	48.94
0.9616	31.75	0.9546	36.76	0.9476	41.20	0.9406	45.25	0.9336	48.99
0.9615	31.82	0.9545	36.83	0.9475	41.26	0.9405	45.30	0.9335	49.04
0.9614	31.90	0.9544	36.89	0.9474	41.32	0.9404	45.36	0.9334	49.09
0.9613	31.98	0.9543	36.96	0.9473	41.38	0.9403	45.42	0.9333	49.14
0.9612	32.05	0.9542	37.03	0.9472	41.44	0.9402	45.47	0.9332	49.19
0.9611	32.13	0.9541	37.09	0.9471	41.50	0.9401	45.53	0.9331	49.25
0.9610	32.21	0.9540	37.16	0.9470	41.56	0.9400	45.58	0.9330	49.30
0.9609	32.28	0.9539	37.23	0.9469	41.62	0.9399	45.64	0.9329	49.35
0.9608	32.36	0.9538	37.29	0.9468	41.68	0.9398	45.69	0.9328	49.40
0.9607	32.43	0.9537	37.36	0.9467	41.74	0.9397	45.74	0.9327	49.45
0.9606	32.51	0.9536	37.42	0.9466	41.80	0.9396	45.80	0.9326	49.50
0.9605	32.58	0.9535	37.49	0.9465	41.86	0.9395	45.85	0.9325	49.55
0.9604	32.66	0.9534	37.56	0.9464	41.92	0.9394	45.91	0.9324	49.60
0.9603	32.73	0.9533	37.62	0.9463	41.98	0.9393	45.96	0.9323	49.65
0.9602	32.81	0.9532	37.69	0.9462	42.04	0.9392	46.01	0.9322	49.70
0.9601	32.88	0.9531	37.75	0.9461	42.09	0.9391	46.07	0.9321	49.75
0.9600	32.96	0.9530	37.82	0.9460	42.15	0.9390	46.12	0.9320	49.80
0.9599	33.03	0.9529	37.88	0.9459	42.21	0.9389	46.18	0.9319	49.85
0.9598	33.10	0.9528	37.95	0.9458	42.27	0.9388	46.23	0.9318	49.90
0.9597	33.18	0.9527	38.01	0.9457	42.33	0.9387	46.29	0.9317	49.95
0.9596	33.25	0.9526	38.07	0.9456	42.39	0.9386	46.34	0.9316	50.00
0.9595	33.32	0.9525	38.14	0.9455	42.45	0.9385	46.39	0.9315	50.05
0.9594	33.40	0.9524	38.20	0.9454	42.51	0.9384	46.45	0.9314	50.10
0.9593	33.47	0.9523	38.27	0.9453	42.57	0.9383	46.50	0.9313	50.16
0.9592	33.54	0.9522	38.33	0.9452	42.63	0.9382	46.56	0.9312	50.21
0.9591	33.62	0.9521	38.39	0.9451	42.69	0.9381	46.61	0.9311	50.26
0.9590	33.69	0.9520	38.46	0.9450	42.74	0.9380	46.67	0.9310	50.31
0.9589	33.76	0.9519	38.52	0.9449	42.80	0.9379	46.72	0.9309	50.36
0.9588	33.84	0.9518	38.59	0.9448	42.86	0.9378	46.77	0.9308	50.41
0.9587	33.91	0.9517	38.65	0.9447	42.92	0.9377	46.83	0.9307	50.46
0.9586	33.98	0.9516	38.72	0.9446	42.98	0.9376	46.88	0.9306	50.51
0.9585	34.05	0.9515	38.78	0.9445	43.04	0.9375	46.94	0.9305	50.56
0.9584	34.12	0.9514	38.84	0.9444	43.09	0.9374	46.99	0.9304	50.61
0.9583	34.20	0.9513	38.91	0.9443	43.15	0.9373	47.04	0.9303	50.66
0.9582	34.27	0.9512	38.97	0.9442	43.21	0.9372	47.10	0.9302	50.71
0.9581	34.34	0.9511	39.04	0.9441	43.27	0.9371	47.15	0.9301	50.76

<sup>a</sup> Compiled at National Bureau of Standards. Table is based on data published in Bull. Natl. Bur. Std. 9(3) (1913), (Sci. Paper No. 197).

<sup>b</sup> AOAC Official Methods of Analysis 913.02, 1995. Appendix C, pp. 2-20.

附表 比重與乙醇含量對照表

Percentages by volume at 20°C of ethyl alcohol corresponding to apparent specific gravity<sup>a,b</sup>

Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20
0.9300	50.81	0.9230	54.24	0.9160	57.53	0.9090	60.68	0.9020	63.73
0.9299	50.86	0.9229	54.29	0.9159	57.58	0.9089	60.72	0.9019	63.77
0.9298	50.91	0.9228	54.33	0.9158	57.62	0.9088	60.77	0.9018	63.82
0.9297	50.96	0.9227	54.38	0.9157	57.67	0.9087	60.81	0.9017	63.86
0.9296	51.01	0.9226	54.43	0.9156	57.71	0.9086	60.86	0.9016	63.90
0.9295	51.06	0.9225	54.48	0.9155	57.76	0.9085	60.90	0.9015	63.94
0.9294	51.11	0.9224	54.53	0.9154	57.81	0.9084	60.94	0.9014	63.99
0.9293	51.16	0.9223	54.57	0.9153	57.85	0.9083	60.99	0.9013	64.03
0.9292	51.21	0.9222	54.62	0.9152	57.90	0.9082	61.03	0.9012	64.07
0.9291	51.26	0.9221	54.67	0.9151	57.94	0.9081	61.08	0.9011	64.11
0.9290	51.31	0.9220	54.72	0.9150	57.99	0.9080	61.12	0.9010	64.16
0.9289	51.36	0.9219	54.77	0.9149	58.03	0.9079	61.17	0.9009	64.20
0.9288	51.41	0.9218	54.81	0.9148	58.08	0.9078	61.21	0.9008	64.24
0.9287	51.46	0.9217	54.86	0.9147	58.13	0.9077	61.25	0.9007	64.28
0.9286	51.50	0.9216	54.91	0.9146	58.17	0.9076	61.30	0.9006	64.33
0.9285	51.55	0.9215	54.96	0.9145	58.22	0.9075	61.34	0.9005	64.37
0.9284	51.60	0.9214	55.00	0.9144	58.26	0.9074	61.39	0.9004	64.41
0.9283	51.65	0.9213	55.05	0.9143	58.31	0.9073	61.43	0.9003	64.45
0.9282	51.70	0.9212	55.10	0.9142	58.35	0.9072	61.47	0.9002	64.50
0.9281	51.75	0.9211	55.15	0.9141	58.40	0.9071	61.52	0.9001	64.54
0.9280	51.80	0.9210	55.19	0.9140	58.44	0.9070	61.56	0.9000	64.58
0.9279	51.85	0.9209	55.24	0.9139	58.49	0.9069	61.60	0.8999	64.62
0.9278	51.90	0.9208	55.29	0.9138	58.53	0.9068	61.65	0.8998	64.67
0.9277	51.95	0.9207	55.34	0.9137	58.58	0.9067	61.69	0.8997	64.71
0.9276	52.00	0.9206	55.38	0.9136	58.62	0.9066	61.74	0.8996	64.75
0.9275	52.05	0.9205	55.43	0.9135	58.67	0.9065	61.78	0.8995	64.79
0.9274	52.10	0.9204	55.48	0.9134	58.71	0.9064	61.82	0.8994	64.84
0.9273	52.15	0.9203	55.53	0.9133	58.76	0.9063	61.87	0.8993	64.88
0.9272	52.20	0.9202	55.57	0.9132	58.80	0.9062	61.91	0.8992	64.92
0.9271	52.25	0.9201	55.62	0.9131	58.85	0.9061	61.96	0.8991	64.96
0.9270	52.29	0.9200	55.67	0.9130	58.89	0.9060	62.00	0.8990	65.01
0.9269	52.34	0.9199	55.71	0.9129	58.94	0.9059	62.04	0.8989	65.05
0.9268	52.39	0.9198	55.76	0.9128	58.98	0.9058	62.09	0.8988	65.09
0.9267	52.44	0.9197	55.81	0.9127	59.03	0.9057	62.13	0.8987	65.13
0.9266	52.49	0.9196	55.86	0.9126	59.07	0.9056	62.17	0.8986	65.18
0.9265	52.54	0.9195	55.90	0.9125	59.12	0.9055	62.22	0.8985	65.22
0.9264	52.59	0.9194	55.95	0.9124	59.16	0.9054	62.26	0.8984	65.26
0.9263	52.64	0.9193	56.00	0.9123	59.21	0.9053	62.30	0.8983	65.30
0.9262	52.69	0.9192	56.04	0.9122	59.25	0.9052	62.35	0.8982	65.35
0.9261	52.74	0.9191	56.09	0.9121	59.30	0.9051	62.39	0.8981	65.39
0.9260	52.79	0.9190	56.14	0.9120	59.34	0.9050	62.43	0.8980	65.43
0.9259	52.84	0.9189	56.18	0.9119	59.39	0.9049	62.48	0.8979	65.47
0.9258	52.89	0.9188	56.23	0.9118	59.43	0.9048	62.52	0.8978	65.51
0.9257	52.93	0.9187	56.28	0.9117	59.48	0.9047	62.56	0.8977	65.56
0.9256	52.98	0.9186	56.32	0.9116	59.52	0.9046	62.60	0.8976	65.60
0.9255	53.03	0.9185	56.37	0.9115	59.57	0.9045	62.65	0.8975	65.64
0.9254	53.08	0.9184	56.42	0.9114	59.61	0.9044	62.69	0.8974	65.68
0.9253	53.13	0.9183	56.46	0.9113	59.66	0.9043	62.73	0.8973	65.72
0.9252	53.18	0.9182	56.51	0.9112	59.70	0.9042	62.78	0.8972	65.77
0.9251	53.22	0.9181	56.56	0.9111	59.75	0.9041	62.82	0.8971	65.81
0.9250	53.27	0.9180	56.60	0.9110	59.79	0.9040	62.86	0.8970	65.85
0.9249	53.32	0.9179	56.65	0.9109	59.84	0.9039	62.91	0.8969	65.89
0.9248	53.37	0.9178	56.70	0.9108	59.88	0.9038	62.95	0.8968	65.94
0.9247	53.42	0.9177	56.74	0.9107	59.92	0.9037	62.99	0.8967	65.98
0.9246	53.47	0.9176	56.79	0.9106	59.97	0.9036	63.04	0.8966	66.02
0.9245	53.52	0.9175	56.84	0.9105	60.01	0.9035	63.08	0.8965	66.06
0.9244	53.56	0.9174	56.88	0.9104	60.06	0.9034	63.12	0.8964	66.10
0.9243	53.61	0.9173	56.93	0.9103	60.10	0.9033	63.17	0.8963	66.15
0.9242	53.66	0.9172	56.97	0.9102	60.15	0.9032	63.21	0.8962	66.19
0.9241	53.71	0.9171	57.02	0.9101	60.19	0.9031	63.25	0.8961	66.23
0.9240	53.76	0.9170	57.07	0.9100	60.24	0.9030	63.30	0.8960	66.27
0.9239	53.81	0.9169	57.11	0.9099	60.28	0.9029	63.34	0.8959	66.31
0.9238	53.85	0.9168	57.16	0.9098	60.33	0.9028	63.38	0.8958	66.36
0.9237	53.90	0.9167	57.21	0.9097	60.37	0.9027	63.43	0.8957	66.40
0.9236	53.95	0.9166	57.25	0.9096	60.41	0.9026	63.47	0.8956	66.44
0.9235	54.00	0.9165	57.30	0.9095	60.46	0.9025	63.51	0.8955	66.48
0.9234	54.05	0.9164	57.35	0.9094	60.50	0.9024	63.56	0.8954	66.52
0.9233	54.09	0.9163	57.39	0.9093	60.55	0.9023	63.60	0.8953	66.56
0.9232	54.14	0.9162	57.44	0.9092	60.59	0.9022	63.64	0.8952	66.60
0.9231	54.19	0.9161	57.48	0.9091	60.64	0.9021	63.69	0.8951	66.65

a Compiled at National Bureau of Standards. Table is based on data published in Bull. Natl. Bur. Std. 9(3) (1913), (Sci. Paper No. 197).

b AOAC Official Methods of Analysis 913.02. 1995. Appendix C, pp. 2-20.

Percentages by volume at 20°C of ethyl alcohol corresponding to apparent specific gravity<sup>a,b</sup>

Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20
0.8950	66.69	0.8880	69.56	0.8810	72.34	0.8740	75.04	0.8670	77.66
0.8949	66.73	0.8879	69.60	0.8809	72.38	0.8739	75.08	0.8669	77.70
0.8948	66.77	0.8878	69.64	0.8808	72.42	0.8738	75.12	0.8668	77.73
0.8947	66.81	0.8877	69.68	0.8807	72.46	0.8737	75.16	0.8667	77.77
0.8946	66.85	0.8876	69.72	0.8806	72.50	0.8736	75.19	0.8666	77.81
0.8945	66.90	0.8875	69.76	0.8805	72.53	0.8735	75.23	0.8665	77.84
0.8944	66.94	0.8874	69.80	0.8804	72.57	0.8734	75.27	0.8664	77.88
0.8943	66.98	0.8873	69.84	0.8803	72.61	0.8733	75.31	0.8663	77.92
0.8942	67.02	0.8872	69.88	0.8802	72.65	0.8732	75.35	0.8662	77.96
0.8941	67.06	0.8871	69.92	0.8801	72.69	0.8731	75.38	0.8661	77.99
0.8940	67.10	0.8870	69.96	0.8800	72.73	0.8730	75.42	0.8660	78.03
0.8939	67.15	0.8869	70.00	0.8799	72.77	0.8729	75.46	0.8659	78.07
0.8938	67.19	0.8868	70.04	0.8798	72.81	0.8728	75.50	0.8658	78.10
0.8937	67.23	0.8867	70.08	0.8797	72.85	0.8727	75.54	0.8657	78.14
0.8936	67.27	0.8866	70.12	0.8796	72.88	0.8726	75.57	0.8656	78.17
0.8935	67.31	0.8865	70.16	0.8795	72.92	0.8725	75.61	0.8655	78.21
0.8934	67.35	0.8864	70.20	0.8794	72.96	0.8724	75.65	0.8654	78.25
0.8933	67.39	0.8863	70.24	0.8793	73.00	0.8723	75.69	0.8653	78.28
0.8932	67.43	0.8862	70.28	0.8792	73.04	0.8722	75.73	0.8652	78.32
0.8931	67.47	0.8861	70.32	0.8791	73.08	0.8721	75.76	0.8651	78.36
0.8930	67.52	0.8860	70.36	0.8790	73.12	0.8720	75.80	0.8650	78.39
0.8929	67.56	0.8859	70.40	0.8789	73.16	0.8719	75.84	0.8649	78.43
0.8928	67.60	0.8858	70.44	0.8788	73.19	0.8718	75.88	0.8648	78.47
0.8927	67.64	0.8857	70.48	0.8787	73.23	0.8717	75.91	0.8647	78.50
0.8926	67.68	0.8856	70.52	0.8786	73.27	0.8716	75.95	0.8646	78.54
0.8925	67.72	0.8855	70.56	0.8785	73.31	0.8715	75.99	0.8645	78.57
0.8924	67.76	0.8854	70.60	0.8784	73.35	0.8714	76.03	0.8644	78.61
0.8923	67.80	0.8853	70.64	0.8783	73.39	0.8713	76.06	0.8643	78.65
0.8922	67.84	0.8852	70.68	0.8782	73.43	0.8712	76.10	0.8642	78.68
0.8921	67.89	0.8851	70.72	0.8781	73.47	0.8711	76.14	0.8641	78.72
0.8920	67.93	0.8850	70.76	0.8780	73.50	0.8710	76.18	0.8640	78.76
0.8919	67.97	0.8849	70.80	0.8779	73.54	0.8709	76.22	0.8639	78.79
0.8918	68.01	0.8848	70.84	0.8778	73.58	0.8708	76.25	0.8638	78.83
0.8917	68.05	0.8847	70.88	0.8777	73.62	0.8707	76.29	0.8637	78.86
0.8916	68.09	0.8846	70.92	0.8776	73.66	0.8706	76.33	0.8636	78.90
0.8915	68.13	0.8845	70.96	0.8775	73.70	0.8705	76.37	0.8635	78.94
0.8914	68.17	0.8844	71.00	0.8774	73.74	0.8704	76.40	0.8634	78.97
0.8913	68.21	0.8843	71.04	0.8773	73.78	0.8703	76.44	0.8633	79.01
0.8912	68.26	0.8842	71.08	0.8772	73.81	0.8702	76.48	0.8632	79.05
0.8911	68.30	0.8841	71.12	0.8771	73.85	0.8701	76.52	0.8631	79.08
0.8910	68.34	0.8840	71.16	0.8770	73.89	0.8700	76.55	0.8630	79.12
0.8909	68.38	0.8839	71.20	0.8769	73.93	0.8699	76.59	0.8629	79.16
0.8908	68.42	0.8838	71.24	0.8768	73.97	0.8698	76.63	0.8628	79.19
0.8907	68.46	0.8837	71.27	0.8767	74.01	0.8697	76.66	0.8627	79.23
0.8906	68.50	0.8836	71.31	0.8766	74.05	0.8696	76.70	0.8626	79.26
0.8905	68.54	0.8835	71.35	0.8765	74.08	0.8695	76.74	0.8625	79.30
0.8904	68.58	0.8834	71.39	0.8764	74.12	0.8694	76.78	0.8624	79.34
0.8903	68.62	0.8833	71.43	0.8763	74.16	0.8693	76.81	0.8623	79.37
0.8902	68.67	0.8832	71.47	0.8762	74.20	0.8692	76.85	0.8622	79.41
0.8901	68.71	0.8831	71.51	0.8761	74.24	0.8691	76.89	0.8621	79.45
0.8900	68.75	0.8830	71.55	0.8760	74.28	0.8690	76.92	0.8620	79.48
0.8899	68.79	0.8829	71.59	0.8759	74.32	0.8689	76.96	0.8619	79.52
0.8898	68.83	0.8828	71.63	0.8758	74.35	0.8688	77.00	0.8618	79.55
0.8897	68.87	0.8827	71.67	0.8757	74.39	0.8687	77.03	0.8617	79.59
0.8896	68.91	0.8826	71.71	0.8756	74.43	0.8686	77.07	0.8616	79.63
0.8895	68.95	0.8825	71.75	0.8755	74.47	0.8685	77.11	0.8615	79.66
0.8894	68.99	0.8824	71.79	0.8754	74.51	0.8684	77.14	0.8614	79.70
0.8893	69.03	0.8823	71.83	0.8753	74.55	0.8683	77.18	0.8613	79.73
0.8892	69.07	0.8822	71.87	0.8752	74.58	0.8682	77.22	0.8612	79.77
0.8891	69.11	0.8821	71.91	0.8751	74.62	0.8681	77.26	0.8611	79.80
0.8890	69.15	0.8820	71.95	0.8750	74.66	0.8680	77.29	0.8610	79.84
0.8889	69.19	0.8819	71.99	0.8749	74.70	0.8679	77.33	0.8609	79.88
0.8888	69.23	0.8818	72.03	0.8748	74.74	0.8678	77.37	0.8608	79.91
0.8887	69.27	0.8817	72.07	0.8747	74.77	0.8677	77.40	0.8607	79.95
0.8886	69.32	0.8816	72.10	0.8746	74.81	0.8676	77.44	0.8606	79.98
0.8885	69.36	0.8815	72.14	0.8745	74.85	0.8675	77.48	0.8605	80.02
0.8884	69.40	0.8814	72.18	0.8744	74.89	0.8674	77.51	0.8604	80.05
0.8883	69.44	0.8813	72.22	0.8743	74.93	0.8673	77.55	0.8603	80.09
0.8882	69.48	0.8812	72.26	0.8742	74.97	0.8672	77.59	0.8602	80.13
0.8881	69.52	0.8811	72.30	0.8741	75.00	0.8671	77.62	0.8601	80.16

a Compiled at National Bureau of Standards. Table is based on data published in Bull. Natl. Bur. Std. 9(3) (1913), (Sci. Paper No. 197).

b AOAC Official Methods of Analysis 913.02. 1995. Appendix C, pp. 2-20.

Percentages by volume at 20°C of ethyl alcohol corresponding to apparent specific gravity<sup>a,b</sup>

Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20
0.8600	80.20	0.8530	82.66	0.8460	85.04	0.8390	87.33	0.8320	89.53
0.8599	80.23	0.8529	82.69	0.8459	85.08	0.8389	87.36	0.8319	89.56
0.8598	80.27	0.8528	82.73	0.8458	85.11	0.8388	87.39	0.8318	89.59
0.8597	80.30	0.8527	82.76	0.8457	85.14	0.8387	87.43	0.8317	89.62
0.8596	80.34	0.8526	82.80	0.8456	85.18	0.8386	87.46	0.8316	89.65
0.8595	80.38	0.8525	82.83	0.8455	85.21	0.8385	87.49	0.8315	89.68
0.8594	80.41	0.8524	82.87	0.8454	85.24	0.8384	87.52	0.8314	89.71
0.8593	80.45	0.8523	82.90	0.8453	85.28	0.8383	87.55	0.8313	89.74
0.8592	80.48	0.8522	82.94	0.8452	85.31	0.8382	87.58	0.8312	89.77
0.8591	80.52	0.8521	82.97	0.8451	85.34	0.8381	87.62	0.8311	89.80
0.8590	80.55	0.8520	83.01	0.8450	85.38	0.8380	87.65	0.8310	89.83
0.8589	80.59	0.8519	83.04	0.8449	85.41	0.8379	87.68	0.8309	89.86
0.8588	80.62	0.8518	83.07	0.8448	85.44	0.8378	87.71	0.8308	89.89
0.8587	80.66	0.8517	83.11	0.8447	85.48	0.8377	87.74	0.8307	89.93
0.8586	80.69	0.8516	83.14	0.8446	85.51	0.8376	87.78	0.8306	89.96
0.8585	80.73	0.8515	83.18	0.8445	85.54	0.8375	87.81	0.8305	89.99
0.8584	80.77	0.8514	83.21	0.8444	85.57	0.8374	87.84	0.8304	90.02
0.8583	80.80	0.8513	83.25	0.8443	85.61	0.8373	87.87	0.8303	90.05
0.8582	80.84	0.8512	83.28	0.8442	85.64	0.8372	87.90	0.8302	90.08
0.8581	80.87	0.8511	83.32	0.8441	85.67	0.8371	87.93	0.8301	90.11
0.8580	80.91	0.8510	83.35	0.8440	85.71	0.8370	87.97	0.8300	90.14
0.8579	80.94	0.8509	83.39	0.8439	85.74	0.8369	88.00	0.8299	90.17
0.8578	80.98	0.8508	83.42	0.8438	85.77	0.8368	88.03	0.8298	90.20
0.8577	81.01	0.8507	83.45	0.8437	85.80	0.8367	88.06	0.8297	90.23
0.8576	81.05	0.8506	83.49	0.8436	85.84	0.8366	88.09	0.8296	90.26
0.8575	81.08	0.8505	83.52	0.8435	85.87	0.8365	88.13	0.8295	90.29
0.8574	81.12	0.8504	83.56	0.8434	85.90	0.8364	88.16	0.8294	90.32
0.8573	81.16	0.8503	83.59	0.8433	85.94	0.8363	88.19	0.8293	90.35
0.8572	81.19	0.8502	83.62	0.8432	85.97	0.8362	88.22	0.8292	90.38
0.8571	81.23	0.8501	83.66	0.8431	86.00	0.8361	88.25	0.8291	90.41
0.8570	81.26	0.8500	83.69	0.8430	86.03	0.8360	88.29	0.8290	90.44
0.8569	81.30	0.8499	83.73	0.8429	86.07	0.8359	88.32	0.8289	90.47
0.8568	81.33	0.8498	83.76	0.8428	86.10	0.8358	88.35	0.8288	90.50
0.8567	81.37	0.8497	83.79	0.8427	86.13	0.8357	88.38	0.8287	90.53
0.8566	81.40	0.8496	83.83	0.8426	86.16	0.8356	88.41	0.8286	90.56
0.8565	81.44	0.8495	83.86	0.8425	86.20	0.8355	88.44	0.8285	90.59
0.8564	81.47	0.8494	83.90	0.8424	86.23	0.8354	88.47	0.8284	90.62
0.8563	81.51	0.8493	83.93	0.8423	86.26	0.8353	88.50	0.8283	90.65
0.8562	81.54	0.8492	83.97	0.8422	86.30	0.8352	88.54	0.8282	90.67
0.8561	81.58	0.8491	84.00	0.8421	86.33	0.8351	88.57	0.8281	90.70
0.8560	81.61	0.8490	84.03	0.8420	86.36	0.8350	88.60	0.8280	90.73
0.8559	81.65	0.8489	84.07	0.8419	86.39	0.8349	88.63	0.8279	90.76
0.8558	81.68	0.8488	84.10	0.8418	86.43	0.8348	88.66	0.8278	90.79
0.8557	81.72	0.8487	84.14	0.8417	86.46	0.8347	88.69	0.8277	90.82
0.8556	81.75	0.8486	84.17	0.8416	86.49	0.8346	88.72	0.8276	90.85
0.8555	81.79	0.8485	84.20	0.8415	86.52	0.8345	88.75	0.8275	90.88
0.8554	81.82	0.8484	84.24	0.8414	86.56	0.8344	88.79	0.8274	90.91
0.8553	81.86	0.8483	84.27	0.8413	86.59	0.8343	88.82	0.8273	90.94
0.8552	81.89	0.8482	84.31	0.8412	86.62	0.8342	88.85	0.8272	90.97
0.8551	81.93	0.8481	84.34	0.8411	86.65	0.8341	88.88	0.8271	91.00
0.8550	81.96	0.8480	84.37	0.8410	86.68	0.8340	88.91	0.8270	91.03
0.8549	82.00	0.8479	84.41	0.8409	86.72	0.8339	88.94	0.8269	91.06
0.8548	82.03	0.8478	84.44	0.8408	86.75	0.8338	88.97	0.8268	91.09
0.8547	82.07	0.8477	84.47	0.8407	86.78	0.8337	89.00	0.8267	91.12
0.8546	82.10	0.8476	84.51	0.8406	86.81	0.8336	89.04	0.8266	91.15
0.8545	82.14	0.8475	84.54	0.8405	86.85	0.8335	89.07	0.8265	91.18
0.8544	82.17	0.8474	84.57	0.8404	86.88	0.8334	89.10	0.8264	91.21
0.8543	82.21	0.8473	84.61	0.8403	86.91	0.8333	89.13	0.8263	91.24
0.8542	82.24	0.8472	84.64	0.8402	86.94	0.8332	89.16	0.8262	91.27
0.8541	82.28	0.8471	84.67	0.8401	86.98	0.8331	89.19	0.8261	91.29
0.8540	82.31	0.8470	84.71	0.8400	87.01	0.8330	89.22	0.8260	91.32
0.8539	82.35	0.8469	84.74	0.8399	87.04	0.8329	89.25	0.8259	91.35
0.8538	82.38	0.8468	84.78	0.8398	87.07	0.8328	89.28	0.8258	91.38
0.8537	82.42	0.8467	84.81	0.8397	87.10	0.8327	89.31	0.8257	91.41
0.8536	82.45	0.8466	84.84	0.8396	87.14	0.8326	89.35	0.8256	91.44
0.8535	82.49	0.8465	84.88	0.8395	87.17	0.8325	89.38	0.8255	91.47
0.8534	82.52	0.8464	84.91	0.8394	87.20	0.8324	89.41	0.8254	91.50
0.8533	82.55	0.8463	84.94	0.8393	87.23	0.8323	89.44	0.8253	91.53
0.8532	82.59	0.8462	84.98	0.8392	87.27	0.8322	89.47	0.8252	91.56
0.8531	82.62	0.8461	85.01	0.8391	87.30	0.8321	89.50	0.8251	91.59

a Complied at National Bureau of Standards. Table is based on data published in Bull. Natl. Bur. Std. 9(3) (1913), (Sci. Paper No. 197).

b AOAC Official Methods of Analysis 913.02, 1995, Appendix C, pp. 2-20.

附表 比重與乙醇含量對照表

Percentages by volume at 20°C of ethyl alcohol corresponding to apparent specific gravity<sup>a,b</sup>

Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20	Apparent Specific Gravity	20/20
0.8250	91.62	0.8180	93.58	0.8110	95.42	0.8040	97.12	0.7970	98.68
0.8249	91.64	0.8179	93.61	0.8109	95.44	0.8039	97.15	0.7969	98.70
0.8248	91.67	0.8178	93.64	0.8108	95.47	0.8038	97.17	0.7968	98.72
0.8247	91.70	0.8177	93.66	0.8107	95.49	0.8037	97.19	0.7967	98.75
0.8246	91.73	0.8176	93.69	0.8106	95.52	0.8036	97.22	0.7966	98.77
0.8245	91.76	0.8175	93.72	0.8105	95.54	0.8035	97.24	0.7965	98.79
0.8244	91.79	0.8174	93.74	0.8104	95.57	0.8034	97.26	0.7964	98.81
0.8243	91.82	0.8173	93.77	0.8103	95.59	0.8033	97.29	0.7963	98.83
0.8242	91.85	0.8172	93.80	0.8102	95.62	0.8032	97.31	0.7962	98.85
0.8241	91.87	0.8171	93.82	0.8101	95.64	0.8031	97.33	0.7961	98.87
0.8240	91.90	0.8170	93.85	0.8100	95.67	0.8030	97.36	0.7960	98.89
0.8239	91.93	0.8169	93.88	0.8099	95.69	0.8029	97.38	0.7959	98.91
0.8238	91.96	0.8168	93.90	0.8098	95.72	0.8028	97.40	0.7958	98.93
0.8237	91.99	0.8167	93.93	0.8097	95.74	0.8027	97.43	0.7957	98.95
0.8236	92.02	0.8166	93.96	0.8096	95.77	0.8026	97.45	0.7956	98.97
0.8235	92.05	0.8165	93.98	0.8095	95.79	0.8025	97.45	0.7955	99.00
0.8234	92.08	0.8164	94.01	0.8094	95.82	0.8024	97.49	0.7954	99.02
0.8233	92.10	0.8163	94.04	0.8093	95.84	0.8023	97.52	0.7953	99.04
0.8232	92.13	0.8162	94.06	0.8092	95.87	0.8022	97.54	0.7952	99.06
0.8231	92.16	0.8161	94.09	0.8091	95.89	0.8021	97.56	0.7951	99.08
0.8230	92.19	0.8160	94.12	0.8090	95.92	0.8020	97.59	0.7950	99.10
0.8229	92.22	0.8159	94.14	0.8089	95.94	0.8019	97.61	0.7949	99.12
0.8228	92.25	0.8158	94.17	0.8088	95.97	0.8018	97.63	0.7948	99.14
0.8227	92.28	0.8157	94.20	0.8087	95.99	0.8017	97.66	0.7947	99.16
0.8226	92.31	0.8156	94.22	0.8086	96.02	0.8016	97.68	0.7946	99.18
0.8225	92.33	0.8155	94.25	0.8085	96.04	0.8015	97.70	0.7945	99.20
0.8224	92.36	0.8154	94.28	0.8084	96.07	0.8014	97.72	0.7944	99.22
0.8223	92.39	0.8153	94.30	0.8083	96.09	0.8013	97.75	0.7943	99.24
0.8222	92.42	0.8152	94.33	0.8082	96.11	0.8012	97.77	0.7942	99.26
0.8221	92.45	0.8151	94.36	0.8081	96.14	0.8011	97.79	0.7941	99.28
0.8220	92.48	0.8150	94.38	0.8080	96.16	0.8010	97.81	0.7940	99.30
0.8219	92.50	0.8149	94.41	0.8079	96.19	0.8009	97.84	0.7939	99.32
0.8218	92.53	0.8148	94.44	0.8078	96.21	0.8008	97.86	0.7938	99.34
0.8217	92.56	0.8147	94.46	0.8077	96.24	0.8007	97.88	0.7937	99.36
0.8216	92.59	0.8146	94.49	0.8076	96.26	0.8006	97.90	0.7936	99.38
0.8215	92.62	0.8145	94.51	0.8075	96.29	0.8005	97.92	0.7935	99.40
0.8214	92.65	0.8144	94.54	0.8074	96.31	0.8004	97.95	0.7934	99.42
0.8213	92.67	0.8143	94.57	0.8073	96.33	0.8003	97.97	0.7933	99.44
0.8212	92.70	0.8142	94.59	0.8072	96.36	0.8002	97.99	0.7932	99.46
0.8211	92.73	0.8141	94.62	0.8071	96.38	0.8001	98.01	0.7931	99.48
0.8210	92.76	0.8140	94.64	0.8070	96.41	0.8000	98.03	0.7930	99.50
0.8209	92.79	0.8139	94.67	0.8069	96.43	0.7999	98.06	0.7929	99.52
0.8208	92.81	0.8138	94.70	0.8068	96.46	0.7998	98.08	0.7928	99.54
0.8207	92.84	0.8137	94.72	0.8067	96.48	0.7997	98.10	0.7927	99.56
0.8206	92.87	0.8136	94.75	0.8066	96.50	0.7996	98.12	0.7926	99.58
0.8205	92.90	0.8135	94.77	0.8065	96.53	0.7995	98.14	0.7925	99.60
0.8204	92.92	0.8134	94.80	0.8064	96.55	0.7994	98.17	0.7924	99.62
0.8203	92.95	0.8133	94.83	0.8063	96.58	0.7993	98.19	0.7923	99.64
0.8202	92.98	0.8132	94.85	0.8062	96.60	0.7992	98.21	0.7922	99.66
0.8201	93.01	0.8131	94.88	0.8061	96.63	0.7991	98.23	0.7921	99.68
0.8200	93.04	0.8130	94.90	0.8060	96.65	0.7990	98.26	0.7920	99.70
0.8199	93.06	0.8129	94.93	0.8059	96.67	0.7989	98.28	0.7919	99.72
0.8198	93.09	0.8128	94.95	0.8058	96.70	0.7988	98.30	0.7918	99.74
0.8197	93.12	0.8127	94.98	0.8057	96.72	0.7987	98.32	0.7917	99.76
0.8196	93.14	0.8126	95.01	0.8056	96.75	0.7986	98.34	0.7916	99.78
0.8195	93.17	0.8125	95.03	0.8055	96.77	0.7985	98.36	0.7915	99.80
0.8194	93.20	0.8124	95.06	0.8054	96.79	0.7984	98.39	0.7914	99.82
0.8193	93.23	0.8123	95.08	0.8053	96.82	0.7983	98.41	0.7913	99.84
0.8192	93.25	0.8122	95.11	0.8052	96.84	0.7982	98.43	0.7912	99.86
0.8191	93.28	0.8121	95.14	0.8051	96.86	0.7981	98.45	0.7911	99.88
0.8190	93.31	0.8120	95.16	0.8050	96.89	0.7980	98.47	0.7910	99.90
0.8189	93.34	0.8119	95.19	0.8049	96.91	0.7979	98.49	0.7909	99.92
0.8188	93.36	0.8118	95.21	0.8048	96.94	0.7978	98.51	0.7908	99.94
0.8187	93.39	0.8117	95.24	0.8047	96.96	0.7977	98.54	0.7907	99.96
0.8186	93.42	0.8116	95.26	0.8046	96.98	0.7976	98.56	0.7906	99.98
0.8185	93.44	0.8115	95.29	0.8045	97.01	0.7975	98.58	0.7905	100.00
0.8184	93.47	0.8114	95.32	0.8044	97.03	0.7974	98.60		
0.8183	93.50	0.8113	95.34	0.8043	97.05	0.7973	98.62		
0.8182	93.53	0.8112	95.37	0.8042	97.08	0.7972	98.64		
0.8181	93.55	0.8111	95.39	0.8041	97.10	0.7971	98.66		

a Compiled at National Bureau of Standards. Table is based on data published in Bull. Natl. Bur. Std. 9(3) (1913), (Sci. Paper No. 197).

b AOAC Official Methods of Analysis 913.02, 1995, Appendix C, pp. 2-20.

