

## NITROGEN CONCENTRATION TABLE

Specific Gravity ----% Nitrogen by Weight

Applicable to ammonium nitrate-urea solutions.  
Accuracy in uncontaminated solutions is approximately  
± 0.1 % in nitrogen. Values are rounded to the nearest 0.1 %.

### TEMPERATURE (°F)

SPECIFIC GRAVITY	40	45	50	55	60	65	70	75	80	85	90	95	100
1.264	26.0	26.1	26.2	26.5	26.8	26.8	27.0	27.2	28.4	27.5	27.8	28.0	28.2
65	26.1	26.2	26.3	26.6	26.9	26.9	27.1	27.3	27.5	27.6	27.9	28.1	28.3
66	26.2	26.3	26.4	26.7	26.9	27.0	27.2	27.3	27.5	27.7	27.9	28.1	28.3
67	26.3	26.4	26.5	26.8	27.0	27.1	27.3	27.4	27.6	27.8	28.0	28.2	28.4
68	26.4	26.5	26.6	26.9	27.1	27.2	27.4	27.5	27.7	27.9	28.1	28.3	28.5
69	26.5	26.6	26.7	27.0	27.2	27.3	27.5	27.6	27.8	28.0	28.2	28.4	28.6
1.270	26.6	26.7	26.8	27.1	27.3	27.4	27.6	27.7	27.9	28.1	28.3	28.5	28.7
71	26.7	26.8	26.9	27.2	27.4	27.5	27.7	27.8	28.0	28.2	28.4	28.6	28.8
72	26.8	26.9	27.0	27.2	27.4	27.6	27.8	27.9	28.1	28.3	28.5	28.6	28.8
73	26.9	27.0	27.1	27.3	27.5	27.7	27.9	28.0	28.2	28.4	28.6	28.7	28.9
74	27.0	27.1	27.2	27.4	27.6	27.8	28.0	28.1	28.2	28.4	28.6	28.8	29.0
75	27.1	27.2	27.3	27.5	27.7	27.9	28.1	28.2	28.3	28.5	28.7	28.9	29.1
76	27.2	27.3	27.4	27.6	27.8	28.0	28.2	28.3	28.4	28.6	28.8	29.0	29.2
77	27.3	27.4	27.5	27.7	27.9	28.1	28.3	28.4	28.5	28.7	28.9	29.1	29.3
78	27.4	27.5	27.6	27.8	28.0	28.2	28.4	28.5	28.6	28.8	29.0	29.2	29.4
79	27.5	27.6	27.7	27.9	28.1	28.3	28.5	28.6	28.7	28.9	29.1	29.3	29.5
1.280	27.5	27.7	27.8	27.9	28.1	28.3	28.5	28.7	28.8	29.0	29.2	29.4	29.6
81	27.6	27.8	27.8	28.0	28.2	28.4	28.6	28.8	28.9	29.0	29.2	29.5	29.7
82	27.7	27.9	27.9	28.1	28.3	28.5	28.7	28.9	29.0	29.1	29.3	29.6	29.8
83	27.8	28.0	28.0	28.2	28.4	28.6	28.8	29.0	29.1	29.2	29.4	29.7	29.9
84	27.9	28.1	28.1	28.3	28.5	28.7	28.9	29.1	29.2	29.3	29.5	29.8	30.0
85	28.0	28.2	28.2	28.4	28.6	28.8	28.9	29.2	29.3	29.4	29.6	29.9	30.1
86	28.0	28.2	28.3	28.4	28.6	28.8	29.0	29.2	29.3	29.5	29.7	30.0	30.2
87	28.1	28.3	28.4	28.5	28.7	28.9	29.1	29.3	29.4	29.6	29.8	30.1	30.2
88	28.2	28.4	28.5	28.6	28.8	29.0	29.2	29.4	29.5	29.7	29.9	30.2	30.3
89	28.3	28.5	28.6	28.7	28.9	29.1	29.3	29.5	29.6	29.8	30.0	30.3	30.4
1.290	28.4	28.6	28.7	28.8	28.9	29.2	29.4	29.6	29.7	29.9	30.1	30.4	30.5
91	28.5	28.6	28.8	28.9	29.0	29.3	29.5	29.7	29.8	30.0	30.2	30.5	30.6
92	28.6	28.7	28.9	29.0	29.1	29.4	29.6	29.8	29.9	30.1	30.3	30.5	30.7
93	28.6	28.8	29.0	29.0	29.2	29.5	29.7	29.8	30.0	30.2	30.4	30.6	30.8
94	28.7	28.9	29.0	29.1	29.3	29.6	29.8	29.9	30.1	30.3	30.5	30.7	30.9
1.295	28.8	29.0	29.1	29.2	29.4	29.7	29.9	30.0	30.2	30.3	30.5	30.8	31.0
96	28.9	29.1	29.2	29.3	29.5	29.8	30.0	30.1	30.3	30.4	30.6	30.9	31.1
97	29.0	29.2	29.3	29.4	29.6	29.9	30.1	30.2	30.3	30.8	30.7	31.0	31.2
98	29.1	29.2	29.4	29.5	29.7	30.0	30.2	30.2	30.4	30.6	30.8	31.0	31.2
99	29.2	29.3	29.5	29.6	29.8	30.1	30.3	30.3	30.5	30.7	30.9	31.1	31.3
1.300	29.2	29.4	29.6	29.8	30.0	30.2	30.4	30.4	30.6	30.8	31.0	31.2	31.4
01	29.3	29.5	29.7	29.9	30.1	30.3	30.4	30.5	30.7	30.8	31.1	31.3	31.5
02	29.4	29.6	29.8	30.0	30.2	30.4	30.5	30.6	30.8	30.9	31.2	31.4	31.6
03	29.5	29.7	29.9	30.1	30.3	30.5	30.6	30.7	30.9	31.0	31.3	31.5	31.7
04	29.6	29.8	30.0	30.1	30.3	30.5	30.7	30.8	31.0	31.1	31.3	31.5	31.7
05	29.7	29.8	30.0	30.2	30.4	30.6	30.8	30.9	31.0	31.2	31.4	31.6	31.8
06	29.8	29.9	30.1	30.3	30.5	30.7	30.9	31.0	31.1	31.3	31.5	31.7	31.9
07	29.9	30.0	30.2	30.4	30.6	30.8	31.0	31.0	31.2	31.4	31.6	31.8	32.0
08	30.0	30.1	30.3	30.5	30.7	30.9	31.1	31.1	31.3	31.5	31.7	31.9	32.1
09	30.1	30.2	30.3	30.5	30.7	30.9	31.1	31.2	31.4	31.6	31.8	31.9	32.1

SPECIFIC GRAVITY	40	45	50	55	60	65	70	75	80	85	90	95	100
1.310	30.2	30.3	30.4	30.6	30.8	31.0	31.2	31.3	31.5	31.6	31.8	32.0	32.2
11	30.3	30.4	30.5	30.7	30.9	31.1	31.3	31.4	31.6	31.7	31.9	32.1	32.3
12	30.4	30.5	30.6	30.8	31.0	31.2	31.4	31.5	31.7	31.8	32.0	32.2	32.4
13	30.4	30.5	30.7	30.9	31.1	31.3	31.5	31.6	31.8	31.9	32.1	32.3	32.5
14	30.5	30.6	30.8	31.0	31.1	31.3	31.5	31.7	31.9	32.0	32.2	32.4	32.6
15	30.6	30.7	30.9	31.1	31.2	31.4	31.6	31.8	32.0	32.1	32.3	32.5	32.7
16	30.7	30.7	31.0	31.2	31.3	31.5	31.7	31.9	32.1	32.2	32.4	32.6	32.8
17	30.8	30.8	31.0	31.3	31.4	31.6	31.8	32.0	32.2	32.2	32.4	32.6	32.8
18	30.9	30.9	31.1	31.4	31.5	31.7	31.9	32.0	32.2	32.3	32.5	32.7	32.9
19	31.0	31.0	31.2	31.5	31.6	31.8	32.0	32.1	32.3	32.4	32.6	32.8	33.0
1.320	31.0	31.1	31.3	31.6	31.6	31.9	32.1	32.2	32.4	32.5	32.7	32.9	33.1
21	31.1	31.2	31.4	31.7	31.7	32.0	32.2	32.3	32.5	32.6	32.7	33.0	33.2
22	31.2	31.3	31.5	31.8	31.8	32.0	32.2	32.4	32.6	32.6	32.8	33.0	33.2
23	31.3	31.4	31.6	31.9	31.9	32.1	32.3	32.5	32.7	32.7	32.9	33.1	33.3
24	31.4	31.5	31.7	32.0	32.0	32.2	32.4	32.6	32.8	32.8	33.0	33.2	33.4
25	31.6	31.6	31.8	32.1	32.1	32.3	32.5	32.7	32.9	32.9	33.1	33.3	33.5
26	31.7	31.7	31.9	32.1	32.2	32.4	32.5	32.7	33.0	33.0	33.2	33.4	33.6
27	31.8	31.8	32.0	32.2	32.3	32.5	32.6	32.8	33.1	33.1	33.3	33.5	33.7
28	31.9	31.9	32.1	32.3	32.4	32.6	32.7	32.9	33.1	33.2	33.3	33.6	33.8
29	32.0	32.0	32.2	32.4	32.5	32.7	32.8	33.0	33.2	33.2	33.4	33.6	33.8
1.330	32.1	32.1	32.3	32.5	32.6	32.8	32.9	33.1	33.3	33.3	33.5	33.7	33.9