

Table III
Freezing Point of Aqueous Ammonia*

| Wt. Fraction NH ₃ | Freezing Point, F |
|------------------------------|-------------------|
| 1.00 | -107.7 |
| 0.944 | -113.6 |
| 0.899 | -118.7 |
| 0.858 | -123.7 |
| 0.807 | -134.3 |
| 0.807 | -134.7 |
| 0.775 | -127.7 |
| 0.724 | -116.0 |
| 0.699 | -112.0 |
| 0.687 | -111.5 |
| 0.654 | -109.8 |
| 0.645 | -110.0 |
| 0.633 | -110.6 |
| 0.606 | -113.8 |
| 0.599 | -115.1 |
| 0.593 | -116.1 |
| 0.589 | -117.2 |
| 0.576 | -121.4 |
| 0.556 | -119.4 |
| 0.516 | -112.4 |
| 0.488 | -110.4 |
| 0.487 | -110.2 |
| 0.479 | -110.4 |
| 0.423 | -117.4 |
| 0.408 | -122.8 |
| 0.392 | -126.8 |
| 0.384 | -131.8 |
| 0.377 | -133.1 |
| 0.3445 | -142.8 |
| 0.327 | -142.1 |
| 0.314 | -128.5 |
| 0.285 | -101.6 |
| 0.275 | -91.8 |
| 0.264 | -82.7 |
| 0.2545 | -74.9 |
| 0.220 | -46.3 |
| 0.193 | -30.8 |
| 0.171 | -19.48 |
| 0.0422 | 23.4 |
| 0.000 | 32.0 |
| Eutectic I: 0.334 | -148.5 |
| Eutectic I: 0.571 | -122.8 |
| Eutectic I: 0.805 | -134.5 |

* S. Postma, Recueil des Travaux Chimiques des Pays-Bas, 39, 515 (1920)