**Table III** SLE data for the H2O-MnCl2-NaCl ternary system at 323.15 K

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Liquid Phase (% mass)** | | **Solid Phase (%mass)** | | **100 mole composition of salts in liquid phase** | | ***ρ*/ g cm-3** | **Solid Phasec** |
| No | MnCl2 | NaCl | MnCl2 | NaCl | MnCl2 | NaCl |  |  |
| 1A | 0.00 | 26.86 | 0.00 | 93.44 | 0.00 | 100 | 1.191 | N |
| 2 | 6.21 | 20.65 | 1.64 | 81.01 | 12.24 | 87.76 | 1.225 | N |
| 3 | 14.69 | 15.29 | 3.22 | 82.15 | 30.85 | 69.15 | 1.279 | N |
| 4 | 21.39 | 11.33 | 5.52 | 77.9 | 46.71 | 53.29 | 1.325 | N |
| 5 | 27.86 | 9.00 | 6.51 | 79.68 | 58.98 | 41.02 | 1.383 | N |
| 6 | 36.01 | 6.18 | 8.43 | 78.39 | 73.02 | 26.98 | 1.460 | N |
| 7E | 47.48 | 3.14 | 39.76 | 49.82 | 87.54 | 12.46 | 1.583 | N+M |
| 8E | 47.48 | 3.14 | 59.42 | 18.97 | 87.54 | 12.46 | 1.583 | N+M |
| 9 | 48.60 | 1.63 | 56.16 | 1.17 | 93.26 | 6.74 | 1.572 | M |
| 10B | 49.54 | 0.00 | 58.36 | 0.00 | 100 | 0.00 | 1.568 | M |

aStandard uncertainties *u* are *u(ρ)*=0.001 g cm-3, *u(T)*=0.05 K, *ur(P)*= 5 % and *u(w)*=0.01w, cN, NaCl; M, MnCl2.4H2O.