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X-ray powder diffraction and ^{23}Na, ^{27}Al, and ^{29}Si MAS-NMR investigation of nepheline-kalsilite crystalline solutions

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For deposit: Table 2

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TABLE 2

X-RAY POWDER DIFFRACTION DATA
FOR NEPHELINE 8908

2θ(°)*	d(Å)	hkl	I**
20.05	4.425	200	7
20.26	4.379	111	2
20.89	4.249	002	28
22.65	3.922	201	69
23.18	3.833	102	3
26.65	3.342	210	41
28.71	3.107	211	15
29.13	3.063	202	100
30.30	2.947	300	31
34.11	2.626	212	12
35.12	2.553	220	26
36.62	2.452	310/221	9
37.11	2.421	302	3
37.69	2.385	203	20
38.17	2.356	311	21
40.79	2.210	400	8
41.23	2.188	222	2
41.80	2.159	213	6
42.20	2.140	401	2
42.53	2.124	004/312	14
44.62	2.029	320	3
45.97	1.973	321	6
46.23	1.962	114/402	4
47.10	1.928	410	3
49.77	1.830	322	4
52.48	1.742	403	2
52.86	1.731	501	3
54.89	1.671	105/420/331	2
55.70	1.649	323	4
57.78	1.594	413	6
58.09	1.587	205/510	9
63.75	1.459	333	6
63.99	1.454	430/601	2
65.93	1.416	006/225/520	11
66.94	1.397	106/315/521	4

* Assumes Cu $K_{\alpha 1}$ radiation.

** I is relative intensity.