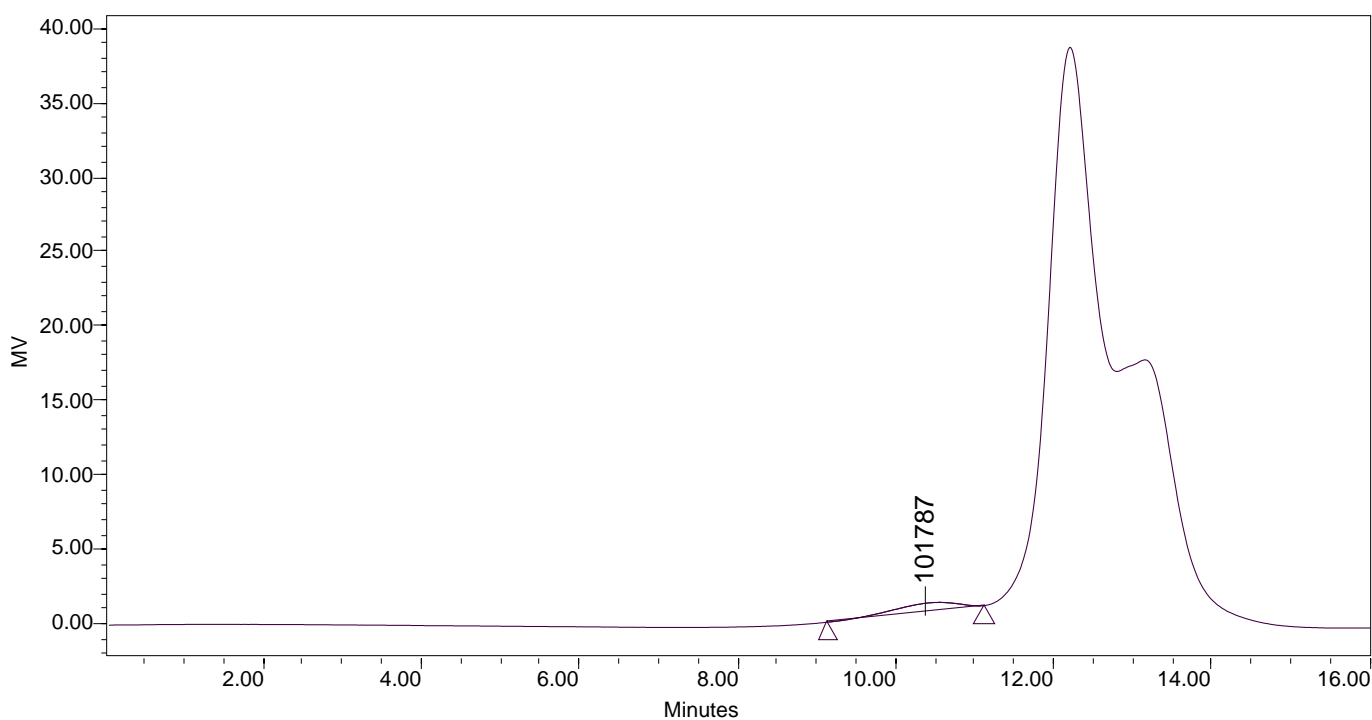




### SAMPLE INFORMATION

Sample Name: AL WL Powder FD 061409	Acquired By: APerez
Sample Type: Broad Unknown	Date Acquired: 8/25/2009 3:28:41 PM
Vial: 12	Acq. Method: GPC
Injection #: 1	Date Processed: 8/25/2009 3:44:54 PM
Injection Volume: 50.00 ul	Channel Name: 410
Run Time: 16.00 Minutes	Channel Desc.: RI Detector
Column Type:	Sample Set Name: SEC 082509

**Broad Unknown Relative Chromatogram**

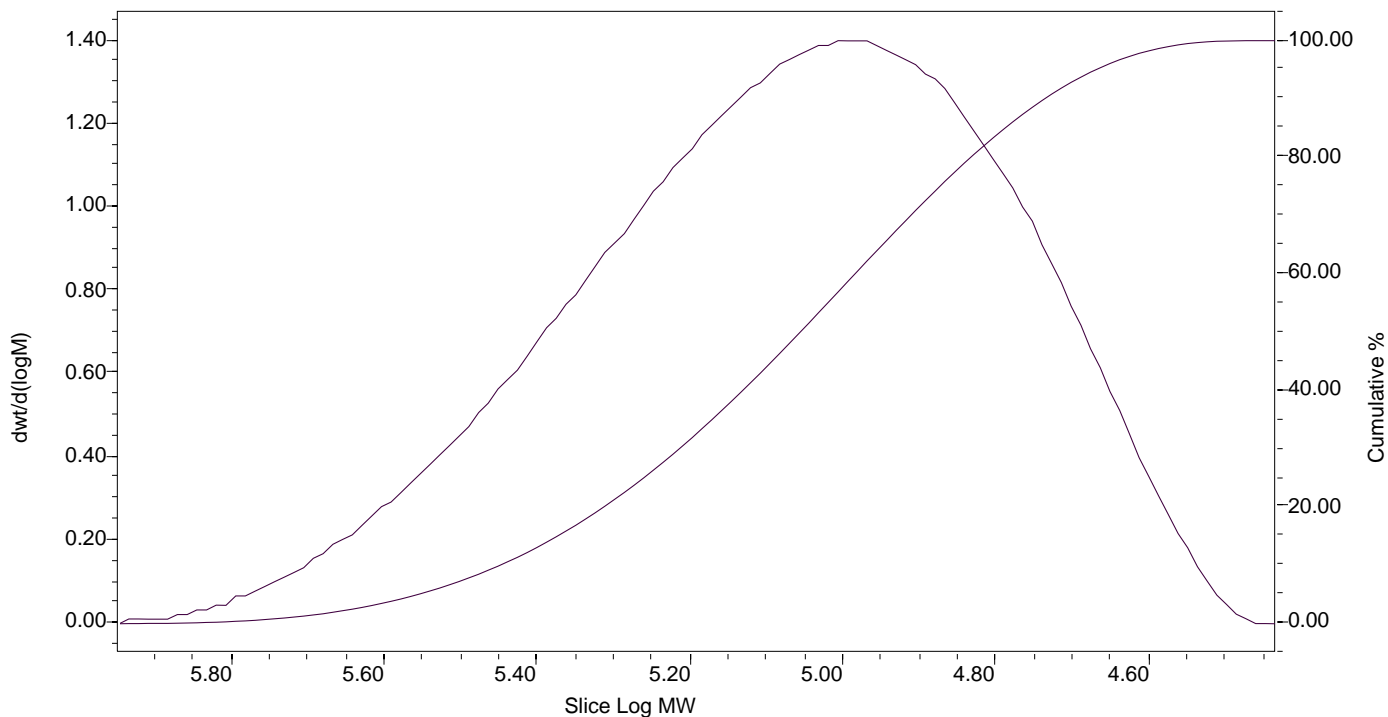


**Broad Unknown Relative Peak Table**

Distribution Name	Mn (Daltons)	Mw (Daltons)	MP (Daltons)	Mz (Daltons)	Mz+1 (Daltons)	Polydispersity	Mz/Mw	Mz+1/Mw
1	98837	144467	101787	218374	312378	1.461665	1.511578	2.162274



**Broad Unknown by Relative Calibration**



**Relative Distribution Table**  
**Mp: 101787 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
1	537180	5.730120	9.419	47	0.113879	1.000	No
2	463956	5.666476	9.503	79	0.193148	2.000	No
3	418911	5.622122	9.561	103	0.251308	3.000	No
4	386626	5.587291	9.607	124	0.302044	4.000	No
5	361203	5.557752	9.645	146	0.354724	5.000	No
6	340381	5.531966	9.679	165	0.400709	6.000	No
7	322704	5.508804	9.709	182	0.442015	7.000	No
8	307338	5.487616	9.737	198	0.482468	8.000	No
9	293981	5.468319	9.763	216	0.525593	9.000	No
10	282140	5.450465	9.786	234	0.568812	10.000	No
11	271419	5.433641	9.808	246	0.598817	11.000	No
12	261657	5.417733	9.829	261	0.635534	12.000	No
13	252804	5.402783	9.848	278	0.675580	13.000	No
14	244717	5.388664	9.867	293	0.713164	14.000	No
15	237179	5.375077	9.885	304	0.738420	15.000	No



**Relative Distribution Table**  
**Mp: 101787 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
16	230188	5.362083	9.902	318	0.771947	16.000	No
17	223603	5.349477	9.918	327	0.795619	17.000	No
18	217453	5.337366	9.934	341	0.828062	18.000	No
19	211692	5.325705	9.950	353	0.859300	19.000	No
20	206289	5.314476	9.964	366	0.889380	20.000	No
21	201137	5.303492	9.979	375	0.910574	21.000	No
22	196214	5.292731	9.993	382	0.929764	22.000	No
23	191530	5.282237	10.007	392	0.952981	23.000	No
24	187078	5.272024	10.020	403	0.980342	24.000	No
25	182839	5.262069	10.033	414	1.007008	25.000	No
26	178827	5.252433	10.046	425	1.032821	26.000	No
27	174960	5.242939	10.058	433	1.052699	27.000	No
28	171240	5.233605	10.070	441	1.071878	28.000	No
29	167677	5.224473	10.082	451	1.096340	29.000	No
30	164252	5.215511	10.094	458	1.112992	30.000	No
31	160935	5.206652	10.106	464	1.128791	31.000	No
32	157723	5.197894	10.117	471	1.144782	32.000	No
33	154660	5.189377	10.128	480	1.167596	33.000	No
34	151688	5.180950	10.139	488	1.186005	34.000	No
35	148799	5.172600	10.150	494	1.200896	35.000	No
36	146016	5.164399	10.161	500	1.215521	36.000	No
37	143308	5.156271	10.172	506	1.230017	37.000	No
38	140676	5.148219	10.182	512	1.244376	38.000	No
39	138133	5.140298	10.193	518	1.258503	39.000	No
40	135654	5.132432	10.203	523	1.272531	40.000	No
41	133249	5.124663	10.213	529	1.286386	41.000	No
42	130900	5.116939	10.223	533	1.295572	42.000	No
43	128599	5.109239	10.233	536	1.302513	43.000	No
44	126377	5.101669	10.243	541	1.316013	44.000	No
45	124206	5.094142	10.253	547	1.329436	45.000	No
46	122095	5.086699	10.263	552	1.342709	46.000	No
47	120031	5.079295	10.273	556	1.351755	47.000	No
48	118009	5.071914	10.282	559	1.358309	48.000	No
49	116035	5.064589	10.292	561	1.364814	49.000	No
50	114098	5.057279	10.302	564	1.371304	50.000	No



**Relative Distribution Table**  
**Mp: 101787 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
51	112207	5.050018	10.311	567	1.377751	51.000	No
52	110353	5.042783	10.321	569	1.384175	52.000	No
53	108538	5.035581	10.330	572	1.390570	53.000	No
54	106753	5.028379	10.340	573	1.392731	54.000	No
55	104997	5.021177	10.349	573	1.392677	55.000	No
56	103283	5.014027	10.358	575	1.398329	56.000	No
57	101597	5.006883	10.368	578	1.403949	57.000	No
58	99940	4.999738	10.377	577	1.403895	58.000	No
59	98309	4.992594	10.386	577	1.403841	59.000	No
60	96705	4.985448	10.396	577	1.403788	60.000	No
61	95127	4.978303	10.405	577	1.403734	61.000	No
62	93574	4.971157	10.415	577	1.403680	62.000	No
63	92038	4.963966	10.424	575	1.398611	63.000	No
64	90523	4.956761	10.433	573	1.392105	64.000	No
65	89022	4.949496	10.443	570	1.385546	65.000	No
66	87542	4.942216	10.453	567	1.378972	66.000	No
67	86078	4.934891	10.462	565	1.372357	67.000	No
68	84632	4.927533	10.472	562	1.365713	68.000	No
69	83204	4.920146	10.481	559	1.359043	69.000	No
70	81791	4.912708	10.491	556	1.352327	70.000	No
71	80398	4.905244	10.501	553	1.344887	71.000	No
72	79007	4.897665	10.511	548	1.331258	72.000	No
73	77635	4.890058	10.521	543	1.320496	73.000	No
74	76280	4.882413	10.531	540	1.313593	74.000	No
75	74932	4.874665	10.541	535	1.301272	75.000	No
76	73596	4.866856	10.551	529	1.286293	76.000	No
77	72254	4.858864	10.562	520	1.264762	77.000	No
78	70917	4.850750	10.572	511	1.242904	78.000	No
79	69588	4.842533	10.583	502	1.220768	79.000	No
80	68246	4.834080	10.594	493	1.197998	80.000	No
81	66912	4.825502	10.606	483	1.174892	81.000	No
82	65583	4.816789	10.617	474	1.151418	82.000	No
83	64242	4.807817	10.629	464	1.127250	83.000	No
84	62903	4.798671	10.641	454	1.102611	84.000	No
85	61566	4.789342	10.653	443	1.077482	85.000	No



**Relative Distribution Table**  
**Mp: 101787 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
86	60226	4.779785	10.666	433	1.051737	86.000	No
87	58862	4.769832	10.679	418	1.016763	87.000	No
88	57493	4.759615	10.692	406	0.986021	88.000	No
89	56105	4.749004	10.706	391	0.949334	89.000	No
90	54685	4.737867	10.721	371	0.902030	90.000	No
91	53235	4.726197	10.736	354	0.860146	91.000	No
92	51746	4.713881	10.752	335	0.814573	92.000	No
93	50192	4.700637	10.769	311	0.757023	93.000	No
94	48573	4.686398	10.788	289	0.702701	94.000	No
95	46859	4.670796	10.809	263	0.638536	95.000	No
96	45029	4.653494	10.831	233	0.566513	96.000	No
97	43001	4.633480	10.857	201	0.488134	97.000	No
98	40628	4.608821	10.890	157	0.381954	98.000	No
99	37631	4.575550	10.933	108	0.262531	99.000	No
100	27631	4.441389	11.109	0	0.000000	100.000	No