

AccSys Mobile Pulsar PL-7 Production Data													WMC				Performance Calculations					
Run	Date	Target body	Beam					Synthesizer Detectors (mCi)					Assay		QC Assay		QC Tests		Chemistry EOS C-18/QMA	Saturation ¹⁸ F at EOB A _s (mCi)	Production rate A _p /I (mCi/μA)	
			SOB am	I μA	t min	Saturation (1-e)	EOB am	QMA (¹⁸ F)	Reactor (¹⁸ F)	C-18 hydrolysis (FDG)	time	mCi ¹⁸ F/FDG	A _{EOS}	time	mCi ¹⁸ F/FDG	A _{EOS}	Pass/Fail	USP				
1	9/11/06	Niobium	2:30	57	60	0.316	3:30	558	614	379	4:01	320								78.1%	1791	31.4
2	9/12/06	Niobium	3:30	57	60	0.316	4:30	595	676	402	5:02	475	5:00							77.6%	1910	33.5
3	9/12/06	Niobium	6:20	60	100	0.468	8:00				8:31	680	8:50									
4	9/13/06	Niobium	7:00	50	85	0.416	8:25	602	680	420	8:58	475	8:55							80.2%	1467	29.3
5	9/14/06	Niobium	3:45	60	45	0.247	4:30	419	499	213	5:01	230	4:57							58.4%	1715	28.6
6	9/14/06	Niobium	6:45	64	90	0.434	8:15	851	855	550	8:47	654	8:55							74.3%	1987	31.0
7	9/15/06	Niobium	3:10	60	70	0.357	4:20	688	782	442	4:52	500	4:55	289	6:20	504	P			73.8%	1949	32.5
8	9/15/06	Niobium	6:45	71	90	0.434	8:15	610	770	429	8:46	503	8:55	489	8:55	516	P			80.8%	1424	20.1
9	9/18/06	Niobium	2:50	53	70	0.357	4:00	724	799	499	4:32	557	4:57	539	5:00	643	P			79.2%	2051	38.7
10	9/18/06	Niobium	6:15	57	130	0.560	8:25	1284	1365	805	8:56	946	8:59	781	9:19	900	P			72.0%	2321	40.7
11	9/19/06	Silver	2:45	56	70	0.357	3:55	644	729	406	4:27	476	5:02	326	6:00	587	P			72.4%	1825	32.6
12	9/20/06	Silver	2:55	56	110	0.501	4:45	958	1187	606	5:17	746	5:17	574	5:55	730	P			72.7%	1937	34.6
13	9/21/06	Silver	3:00	53	100	0.468	4:40	958	1187	606	5:12									72.7%	2071	39.1
14	9/22/06	Silver	3:15	57	90	0.434	4:45	593	685	386	5:17	471	5:35	393	5:45	469	P			74.8%	1385	24.3
15	9/22/06	Silver	6:45	60	120	0.532	8:45	932	1021	647	9:17	700	9:07	587	9:28	629	P			79.8%	1776	29.6
16	9/25/06	Silver	3:00	60	50	0.271	3:50	580	656	428	4:22	470	5:10	393	5:28	596	P			84.8%	2168	36.1
17	9/25/06	Silver	6:50	60	70	0.357	8:00	845	929	570	8:31	630	9:45	552	10:00	964	P			77.5%	2394	39.9
18	9/26/06	Silver	3:00	64	130	0.560	5:10	975	1086	680	5:41	364	6:00	319	6:12	387	P			80.1%	1763	27.5
19	9/26/06	Silver	6:45	64	130	0.560	8:55				9:27	750	9:20	601	9:40	652	P					
20	9/28/06	Silver	2:55	60	120	0.532	4:55	909	1046	646	5:26	700	6:27	589	6:40	936	P			81.7%	1732	28.9
21	9/29/06	Silver	4:00	63	125	0.546	6:05	1027	1134	745	6:37	790	7:00	630	7:28	870	P			83.4%	1905	30.2
22	9/29/06	Silver	8:22	70	123	0.546	10:25	1174	1372	788	10:57	870	10:40	744	11:12	818	P			77.1%	2200	31.4
23	10/2/06	Silver	3:00	66	100	0.468	4:40	991	1057	687	5:12	760	6:02	645	6:21	997	P			79.7%	2143	32.5
24	10/2/06	Silver	7:00	66	120	0.532	9:00	1189	1367	908	9:31	940	9:38	789	9:52	897	P			87.8%	2265	34.3
25	10/4/06	Silver	3:37	58	130	0.560	5:47	1006	1157	675	6:19	705	6:23	562	6:47	671	P			77.1%	1819	31.4
26	10/4/06	Niobium	7:20	67	130	0.560	9:30	547	680	371	10:01	720								77.9%	989	14.8
27	10/5/06	Silver	3:50	59	130	0.560	6:00	930	1063	599	6:32	699	6:30	616	6:42	656	P			74.0%	1681	28.5
28	10/5/06	Silver	7:45	59	130	0.560	9:55	1164	1361	822	10:26	895	10:28	460	12:00	832	P			81.2%	2104	35.7
29	10/6/06	Silver	4:00	59	130	0.560	6:10	1117	1245	772	6:41	843	7:00	544	8:00	892	P			79.4%	2019	34.2
30	10/6/06	Silver	7:55	59	130	0.560	10:05	1220	1401	825	10:36	940	10:33	518	12:00	878	P			77.7%	2206	37.4
31	10/9/06	Niobium	3:55	62	150	0.612	6:25	927	1036	590	6:57	676	7:00	588	7:15	659	F(High pH)			73.1%	1533	24.7
32	10/9/06	Silver	7:45	62	120	0.532	9:45	366	442	247	10:16	289	10:31	142	12:20	309	P			77.6%	697	11.2
33	10/10/06	Silver	4:25	62	115	0.516	6:20	690	811	408	6:51	485	6:55	371	7:24	457	P			67.9%	1353	21.8
34	10/10/06	Silver	7:40	62	125	0.546	9:45	539	625	342	10:16	400	10:28	341	10:42	400	P			72.9%	1000	16.1
35	10/11/06	Silver	3:40	64	135	0.574	5:55	779	898	497	6:26	540	6:31	468	6:49	539	P			73.3%	1375	21.5
36	10/11/06	Silver	8:25	64	125	0.546	10:30	1288	1490	785	11:01	885	10:58	757	11:10	801	P			70.0%	2389	37.3
37	10/12/06	Silver	3:55	64	120	0.532	5:55	1262	1436	803	6:26	911	6:30	755	6:51	791	P			73.1%	2405	37.6
38	10/12/06	Silver	8:15	64	120	0.532	10:15	1167	1319	541	10:46	832	10:46	748	10:55	881	P			53.3%	2224	34.7
39	10/13/06	Silver	3:10	59	95	0.451	4:45	837	964	570	5:16	632	5:19	494	5:45	591	P			78.3%	1878	31.8
40	10/13/06	Niobium	6:55	60	95	0.451	8:30	882	1065	594	9:01	703	9:04	487	9:49	657	P			77.4%	1979	33.0
41	10/16/06	Niobium	3:05	64	154	0.622	5:39	1419	1599	940	6:10	1044	6:19	860	6:38	1023	P			76.1%	2310	36.1
42	10/16/06	Niobium	7:33	64	140	0.587	9:53	1469	1751	1003	10:24	1112	10:33	963	10:43	1082	P			78.5%	2534	39.6
43	10/17/06	Niobium	3:56	70	131	0.563	6:07	1476	1694	988	6:38	1096	6:49	971	6:57	1091	P			76.9%	2655	37.9
44	10/17/06	Niobium	7:49	64	143	0.595	10:12	1491	1730	1057	10:43	1147	10:41	847	11:22	1080	P			81.5%	2538	39.7
45	10/18/06	Niobium	3:20	67	146	0.602	5:46	1518	1722	1039	6:17	1156	6:18	987	6:36	1109	P			78.7%	2552	38.1
46	10/18/06	Niobium	7:58	67	117	0.523	9:55	1397	1566	962	10:26	1033	10:27	935	10:38	1009	P			79.1%	2707	40.4
47	10/19/06	Niobium	3:42	66	100	0.468	5:22	937	1064	703	5:53	744	6:17	654	6:30	822	P			86.2%	2026	30.7
48	10/24/06	Niobium	3:10	66	135	0.574	5:25	1310	1443	925	5:56	1012	6:02	722	6:45	981	P			81.1%	2341	35.5
49	10/24/06	Niobium	7:00	66	140	0.587	9:20	1499	1731	1020	9:51	1107	9:57	988	10:03	1064	P			78.2%	2618	39.7
50	10/25/06	Niobium	3:10	64	135	0.574	5:25	1393	1554	947	5:56	1098	6:00	844	6:33	1061	P			78.1%	2490	38.9
51	10/25/06	Niobium	7:03	64	145	0.600	9:28	1456	1638	1029	9:59	1115	10:02	973	10:12	1053	P			81.2%	2489	38.9
52	10/26/06	Niobium	3:09	64	150	0.612	5:39	1475	1606	988	6:10	1085	6:14	937	6:25	1025	P			77.0%	2470	38.6
53	10/26/06	Niobium	7:07	66	130	0.560	9:17	1354	1594	950	9:48	1006	10:00	848	10:13	992	P			80.6%	2479	37.6
54	10/27/06	Niobium	3:11	66	165	0.647	5:56	1400	1540	940	6:27	980	6:17	861	6:29	869	P			77.2%	2218	33.6
55	10/27/06	Niobium	7:18	66	145	0.600	9:43	1421	1578	954	10:17	1082	10:08	795	10:51	981	P			77.1%	2429	36.8
56	10/30/06	Niobium	3:14	66	140	0.587	5:34	1150	1260	818	6:09	871	6:09	718	6:33	834	P			81.7%	2009	30.4
57	10/30/06	Niobium	6:58	66	150	0.612	9:28	1406	1692	1048	10:03	1109	9:58	954	10:10	997	P			85.7%	2355	35.7
58	10/31/06	Niobium	3:11	66	150	0.612	5:41	1268	1413	62	6:15								5.6%	1124	32.2	
59	11/1/06	Niobium	3:01	66	150	0.612	5:31	1417	1650	1005	6:06	1060	6:09	803	6:37	975	P			81.5%	2373	36.0
60	11/1/06	Niobium	7:01	66	140	0.587	9:21	1471	1612	1067	9:56	1148	10:00	931	10:15	1050	P			83.4%	2570	38.9
61	11/2/06	Niobium	3:01	66	145	0.600	5:26	1253	1498	891	6:01	940	5:59	820	6:07	852	P			81.7%	2142	32.5
62	11/2/06	Niobium	6:59	66	121	0.534	9:00	1278	1393	878	9:34	1012							78.9%	2452	37.4	
63	11/3/06	Niobium	3:09	66	115	0.516	5:04	1075	1176	688	5:38	735	6:09	659	6:17	839	P			73.5%	2135	32.5
64	11/3/06	Niobium	7:10	59	125	0.546	9:15	1228	1													