Bakeout Logsheet

Component/Part Description LCLS Chamber #37

Serial # #37 **Barcode #** —

Location: Bldg. 382 **Technician(s)** K. Kuerzer R. Otto.

Date and Time	Temp Degrees C	CC Ga. Pressure Turbo end	CC Ga. Pressure Far end	Notes and Comments
1/18/08 1010	20°C	1.5×10^{-6}	2.3×10^{-5}	Raise Temp to 60°C
1105	60°C	2.7×10^{-6}	1.2×10^{-3}	Raise Temp to 80°C
1215	80°C	2.5×10^{-5}	9.2×10^{-4}	Raise Temp to 100°C
1330	100°C	1.5×10^{-4}	2.5×10^{-3}	Raise Temp to 125°C
1430	125°C	1.8×10^{-5}	4.9×10^{-4}	Raise Temp to 150°C
1530	150°C	6.1×10^{-6}	2.6×10^{-4}	MAX TEMP.
1/19/08 1100	150°C	5.6×10^{-7}	2.9×10^{-5}	—
1550	150°C	4.7×10^{-7}	2.4×10^{-5}	—
1/21/08 0715	150°C	3.2×10^{-7}	1.2×10^{-5}	Turn temp to 125°C
0845	125°C	1.2×10^{-7}	6.6×10^{-6}	Turn temp to 100°C.
0930	100°C	6.8×10^{-8}	4.3×10^{-6}	Turn temp to 75°C Burp Ion pumps.
1100	75°C	3.3×10^{-8}	2.5×10^{-6}	Turn temp to 50°C Burp Ion pumps.
1330	50°	1.5×10^{-8}	1.5×10^{-6}	Turn temp off + Degas filament.
1346	38°C	6.6×10^{-8}	1.4×10^{-6}	Degas done turn Ion pumps on.
1530	26°C	1.1×10^{-8}	1.3×10^{-8}	Isolate chamber from turbo.
1/24/08 0920	21°C	2.5×10^{-9}	5.2×10^{-9}	Tube scans + leak check w/ RGA. (No leaks)

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