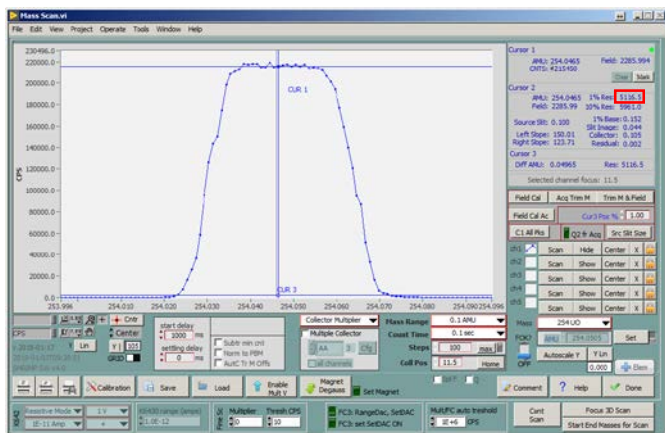


분석지원장비 상태 보고서

Code (기기코드)		Instrument (장비명)	
GT01		Sensitive High Resolution Ion MicroProbe (고분해능 이차이온 질량분석기)	
Report Date (일시)	2019.06.03	^{206}Pb Sensitivity (cps/ppm/nA) in standard zircon of SL13: > 12	16.3

Mass Resolution
of $^{238}\text{U}^{16}\text{O}$ in high U-bearing zircon: > 5,000

1% Resolution : 5116

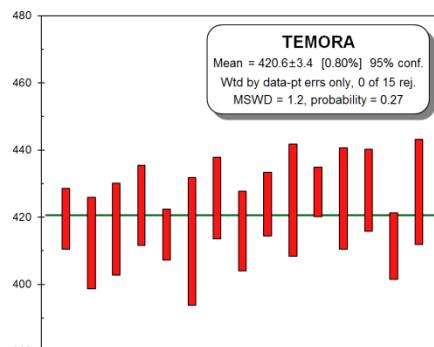


External precision for U-Pb zircon dating (using two standard zircons) : < 2%

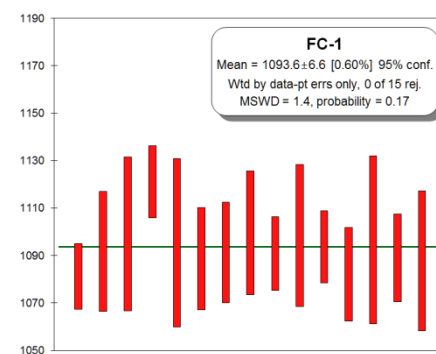
U-Pb Standard test

Routine Standard: FC-5z zircon
 1099.3 ± 0.3 Ma; **Paces and Miller, 1993**

Secondary Standard: TEMORA-2 zircon
 416.8 ± 1 Ma; **Black et al., 2004**



^{207}Pb corrected $^{206}\text{Pb}/^{238}\text{U}$ age
Mean age = 420.6 ± 3.4
(N = 15, MSWD = 1.2; 95% conf.
External precision = 0.91%



^{207}Pb corrected $^{206}\text{Pb}/^{238}\text{U}$ age
Mean age = 1093.6 ± 6.6
(N = 15, MSWD = 1.4; 95% conf.
External precision = 0.51%