



SabreBPM QC Test/Calibration Summary

SabreBPM s/n:	122	Calibration Date:	11 June 2009
Software Version:	V3.2.0.1	MCA Firmware Version:	V2.00
Detector s/n:	300 µm	Guard s/n:	N/A

Alpha Calibration

Gain:	10	Calibration Source: ...	Pu-239 (1 in. dia.)
Threshold:	4	Source Activity*:	112,000 DPM
Offset:	128	Efficiency*:	25.3 % (4-Pi)
Scale:	1		
Po-212 Peak Locator Ch:	248	Response Check:	113,274
Po-214 Peak Locator Ch:	226	Response Check Error:	1.14%
Po-218 Peak Locator Ch:	159		

Beta Calibration

Calibration Source: ...	CI-36 (1.5 in. dia.)	Source Activity:	3660 DPM
GuardFactor:	N/A	Response Check:	3626
Fixed Background:	13.1 cpm	Response Check Error:	0.93%
Efficiency*:	15.2 % (4-Pi)		

Technician: _____	Date: _____	11 June 2009
Customer: DEQ Demo _____	Ship Date: _____	11 June 2009

** Note that energy calibrations are altitude dependent and should be performed by the user at their location prior to putting the SabreBPM into service.*