

Certificate of Calibration

PA SERVICE PLAN

CERTIFICATE NO

516727-1

CONTACT SAMPLE SAMPLE
 INSTITUTION UNIVERSITY OF CALIFORNIA
 ADDRESS 2145 CMSI
 TELEPHONE XXX-XXX-XXX
 SERVICE LOCATION On-Site

ORDER DATE 7/22/2013
 DUE DATE 7/22/14
 MODEL NO BM12-1200
 SERIAL NO 8113421

ENVIRONMENTAL CONDITIONS

TEMPERATURE 21.5 °C
 HUMIDITY 43 %
 BAR. PRESSURE 989 hPa
 Z FACTOR 1.0030

EQUIPMENTS

BALANCE S/N: 1119443355
 SENSITIVITY 0.01 mg
 MASS TRACEABILITY D15760-01

AS RETURNED

MEASURED DATA

SET-UP VOLUME:	<u>200 ul</u>		<u>1200 ul</u>				
1.	200.03	2.	200.08	1.	1197.56	2.	1197.34
3.	200.14	4.	200.27	3.	1198.45	4.	1199.03
MEAN (ul)	200.73	SPEC (LIMITS)	MEAN (ul)	1201.69	SPEC (LIMITS)		
PRECISION (ul)	0.10	0.600	PRECISION (ul)	0.79	1.800		
ERROR (ul)	0.73	3.60	ERROR (ul)	1.69	9.60		
STATUS	PASS		STATUS	PASS			
UNCERTAINTY	0.150		UNCERTAINTY	0.835			

All equipment used in this calibration are maintained and checked routinely against standards that have been certified and traceable to SI units through NIST or another National Metrology Institute.

Calibration and measurement Capability (CMC) represent expanded uncertainties expressed at approximately the 95% level of confidence, using coverage factor of k=2.

I2S Gravimetric method meets the requirements of ISO 8655-6 and ASTM E1154.

Statement of compliance are based on the requirements defined in ISO 8655-6 and ASTM E1154.

-(ul) denotes to micro liter.

Revisions:

SERVICE TECH Michael Coy
 ORDER DATE 7/22/2013
 QC SIGNATURE: K. MAHAREEQ