



MEMORANDUM FOR: SSgt Timothy Jones
36 MDOS/SGOAB
UNIT 40010
JOINT REGION MARIANAS, GUM 9654

1/28/2016 11:21:51 AM

FROM: USAFSAM OE Industrial Hygiene
2510 Fifth Street, Bldg 20840, Room W327
Wright Patterson Air Force Base, OH 45433-7913

REF: Order No.: S1601002

Dear SSgt Timothy Jones:

Enclosed are the sample reports from 4 samples received on 1/4/2016.

Samples, not consumed in analysis, will be held according to the appropriate regulatory authority unless you specifically request otherwise. Should you choose to reproduce this report, we recommend you do so in its entirety so that the integrity of the data package is kept intact.

If you have questions, or if we may be of further assistance to you, please do not hesitate to contact us.

Sincerely,

CRYSTAL C. BROWN, Capt, USAF
Analytical Services Program Manager
Tel: (937) 938-2523 (DSN Prefix: 798)
<https://hpws.afrl.af.mil/dhp/OE/ESOHSC/pages/index.cfm?id=742>

Note: Sample analysis performed by: USAFSAM/OE Radioanalytical Division

This report is intended solely for the purpose of the person to whom it is addressed. If received in error, please notify the Program Manager listed above.

USAFSAM OE Industrial Hygiene

CLIENT: 36 MDOS/SGOAB

Project:

Lab Work Order: S1601002

CASE NARRATIVE

There were no problems associated with the samples or analysis except where noted below. Unless otherwise noted, sample results are not blank corrected, and all quality control associated with the samples were within acceptable limits.

These results relate only to the items tested.



Radioanalytical Services Laboratory
2510 Fifth St, Area B Bldg 0840 WPAFB, OH 45433 - (937) 938-2523

Certificate of Analysis

Company: 36 MDOS/SOAB
Address: UNIT 40010
Report Date: 1/28/2016 11:21:51 AM
JOINT REGION MARIANAS GUM, 96543-4010
Contact: SSgt Timothy Jones
Client Sample ID: 0000EZRN
Lab Sample ID: S1601002-01A
Matrix: Wipe/Swipe Client ID: 0664Z
Collection Date: 12/18/2015
Receive Date: 1/4/2016
Collector: Client

Parameter	Qualifier	Activity	Uncertainty	Lc	MDA	Units	Analyst	Date/Time	Batch
Gross Alpha/Beta									
Gross Beta		9.05E-02	7.27E-01	5.89E-01	1.45E+00	pCi/Swipe	SDM	01/19/16 1812	8257
Gross Alph		-2.05E-02	2.32E-02	8.91E-02	5.47E-01	pCi/Swipe	SDM	01/19/16 1812	8257



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Certificate of Analysis

Company: 36 MDOS/SGOAB
Address: UNIT 40010
Report Date: 1/28/2016 11:21:51 AM
JOINT REGION MARIANAS GUM, 96543-4010
Contact: SSgt Timothy Jones
Client Sample ID: 0000EZRO
Lab Sample ID: S1601002-02A
Matrix: Wipe/Swipe Client ID: 0664Z
Collection Date: 12/18/2015
Receive Date: 1/4/2016
Collector: Client

Parameter	Qualifier	Activity	Uncertainty	Lc	MDA	Units	Analyst	Date/Time	Batch
Gross Alpha/Beta									
Gross Beta		-1.01E-02	7.00E-01	5.89E-01	1.45E+00	pCi/Swipe	SDM	01/19/16 1822	8257
Gross Alph		1.16E-01	2.68E-01	8.91E-02	5.47E-01	pCi/Swipe	SDM	01/19/16 1822	8257



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Certificate of Analysis

Company: 36 MDOS/SOAB
Address: UNIT 4010
Report Date: 1/28/2016 11:21:51 AM
JOINT REGION MARIANAS GUM, 96543-4010
Contact: SSgt Timothy Jones
Client Sample ID: 0000EZRP
Lab Sample ID: S1601002-03A
Matrix: Wipe/Swipe Client ID: 0664Z
Collection Date: 12/18/2015
Receive Date: 1/4/2016
Collector: Client

Parameter	Qualifier	Activity	Uncertainty	Lc	MDA	Units	Analyst	Date/Time	Batch
Gross Alpha/Beta									
Gross Beta		-3.12E-01	6.11E-01	5.89E-01	1.45E+00	pCi/Swipe	SDM	01/19/16 1833	8257
Gross Alph		2.52E-01	3.79E-01	8.91E-02	5.47E-01	pCi/Swipe	SDM	01/19/16 1833	8257



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Certificate of Analysis

Company: 36 MDOS/SOAB
 Address: UNIT 40010
 Report Date: 1/28/2016 11:21:51 AM
 JOINT REGION MARIANAS GUM, 96543-4010
 Contact: SSgt Timothy Jones
 Client Sample ID: 0000EZRR
 Lab Sample ID: S1601002-04A
 Matrix: Wipe/Swipe Client ID: 0664Z
 Collection Date: 12/18/2015
 Receive Date: 1/4/2016
 Collector: Client

Parameter	Qualifier	Activity	Uncertainty	Lc	MDA	Units	Analyst	Date/Time	Batch
LSC Nickel-63									
Ni-63		1.23E+00	1.74E+00	1.36E+00	2.85E+00	pCi/Swipe	SDM	01/08/16 335	8256



Radiation Qualifier List

Qualifier	Qualifier Description
A	Identification Rejected
B	(ELAP) Blank Contamination
C	Inconclusive
D	Misidentification
E	False Positive
F	Consistent with False Positive
G	Qualitatively consistent with detector background
H	Quantitatively consistent with detector background
I	Inconsistent energy shift
J	(ELAP) The reported results is an esimated value
N	(ELAP) Non-target analyte
Q	(ELAP) One or more quality control criteria failed
U	(ELAP) Analyte was not detected and is reported as less than the LOD
K	Inconsistent Full Width Half Max (FWHM)
L	Hold time exceeded
M	Results invalid