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**Work Order: 16-04693**  
**Revision: 4**  
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**P.O.: 33458**  
**Release:**

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## BALAZS<sup>TM</sup> TEST RESULTS

If you have any questions regarding the results, please call Dr. Jinjin Wang at (510) 624-4096

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**Sample: HORX132711056**  
**060616-123**

Component	Units	Detection Limit	Result Value
<b>C0999-CHE-N-S-C Ultra Low Level TM by ICP/MS for 30 elements for Group 1 Chemicals.</b>			
Aluminum (Al)	ppb (ng/g)	0.1	0.6
Antimony (Sb)	ppb (ng/g)	0.1	*
Arsenic (As)	ppb (ng/g)	0.2	*
Barium (Ba)	ppb (ng/g)	0.05	*
Beryllium (Be)	ppb (ng/g)	0.1	*
Boron (B)	ppb (ng/g)	1	*
Cadmium (Cd)	ppb (ng/g)	0.1	*
Calcium (Ca)	ppb (ng/g)	1	9
Chromium (Cr)	ppb (ng/g)	0.1	0.4
Cobalt (Co)	ppb (ng/g)	0.05	*
Copper (Cu)	ppb (ng/g)	0.1	*
Gallium (Ga)	ppb (ng/g)	0.1	*
Germanium (Ge)	ppb (ng/g)	1	*
Gold (Au)	ppb (ng/g)	1	*
Iron (Fe)	ppb (ng/g)	1	4
Lead (Pb)	ppb (ng/g)	0.1	*
Lithium (Li)	ppb (ng/g)	0.05	*
Magnesium (Mg)	ppb (ng/g)	0.1	0.2
Manganese (Mn)	ppb (ng/g)	0.1	*

This report, including any attachments has been reviewed and approved by

*Jennifer Jew*

Laboratory Supervisor

These results were obtained by following standard laboratory procedures and are only representative of the samples as received by the laboratory. The liability of AIR LIQUIDE - BALAZS NanoAnalysis ("Balazs") shall not exceed the amount paid for this report. In no event shall Balazs be liable for special or consequential damages. Client agrees not to use Balazs' name in reporting results obtained from tests performed by Balazs without first obtaining Balazs written consent as to such use. Report shall not be reproduced except in full, without the written approval of Balazs.

**Sample: HORX132711056**  
**060616-123**

Component	Units	Detection Limit	Result Value
Molybdenum (Mo)	ppb (ng/g)	0.1	*
Nickel (Ni)	ppb (ng/g)	0.1	0.2
Potassium (K)	ppb (ng/g)	1	*
Silver (Ag)	ppb (ng/g)	0.5	*
Sodium (Na)	ppb (ng/g)	0.1	0.8
Strontium (Sr)	ppb (ng/g)	0.05	*
Tin (Sn)	ppb (ng/g)	0.1	*
Titanium (Ti)	ppb (ng/g)	1	*
Vanadium (V)	ppb (ng/g)	0.1	0.1
Zinc (Zn)	ppb (ng/g)	1	*
Zirconium (Zr)	ppb (ng/g)	0.1	*

**C0980-CHE-N-R Single Element Analysis (Hg) in Chemicals**

Bismuth (Bi)	ppb (ng/g)	0.1	*
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**C0980-CHE-N-R Single Element Analysis (Bi) in Chemicals**

Mercury (Hg)	ppb (ng/g)	1	*
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\* = Analysis revealed that the element was not found at or above the detection limit.

**Report Note:**

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*Jennifer Jew*

Laboratory Supervisor

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