

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
1-93 (8949)	Unknown	Wednesday November 20, 2013	2:24:57 PM	Measured
Method Name	Method Version	Operator Name	Check Type	Check Status
Fe-30-MO		SARA SAE	None	Not Used
Grade Verification Name	Grade Verification Similarity	Correction Type	Type Corr Sample Name	Grade Search Name
	0	None		
Grade Search Similarity	Type	Status	Outlier Removal	
0	None	Not Used		

Sample Name	Grade Norm	Grade ID
1-93 (8949)	SARA	AISS316
		0.35
C	SI	Mn
Conc	Conc	Conc
%	%	%
1	0.050	0.35
2	0.051	0.35
4	0.052	0.36
Rep	0.051	0.35
Min Cal	0.006	0.005
Mean	0.051	0.35
Max Cal	3.00	5.04
P	S	Cr
Conc	Conc	Conc
%	%	%
1	0.017	16.50
2	0.016	16.52
4	0.020	16.55
Rep	0.018	16.52
Min Cal	0.003	0.005
Mean	0.018	16.52
Max Cal	0.18	36.00
Mo	Ni	Al
Conc	Conc	Conc
%	%	%
1	1.82	10.12
2	1.79	10.13
4	1.77	10.10
Rep	1.80	10.12
Min Cal	0.003	0.005
Mean	1.80	10.12
Max Cal	10.20	55.2
Co	Cu	Nb
Conc	Conc	Conc
%	%	%
1	0.15	0.39
2	0.15	0.39
4	0.15	0.39
Rep	0.15	0.39
Min Cal	0.005	0.002
Mean	0.15	0.39
Max Cal	21.60	7.44
Ti	V	W
Conc	Conc	Conc
%	%	%
1	0.015	0.033
2	0.015	0.033
4	0.015	0.033
Rep	0.015	0.033
Min Cal	0.0010	0.002
Mean	0.015	0.033
Max Cal	12.00	7.32
Pb	Sn	As
Conc	Conc	Conc
%	%	%
1	0.010	0.010
2	0.012	0.012
4	0.011	0.011
Rep	0.011	0.011
Min Cal	0.002	0.005
Mean	0.011	0.005
Max Cal	0.011	0.004
Zr		
Conc		
%		
1	0.004	
2	0.003	
4	0.004	
Rep	0.003	
Min Cal	0.003	
Mean	0.004	
Max Cal	0.019	

Ca	B	Fe
Conc	Conc	Conc
%	%	%
1	0.001	69.2
2	0.001	69.2
4	0.001	69.2
Rep	0.001	69.2
Min Cal	0.0005	
Mean	0.001	69.2
Max Cal	0.016	0.025

On 8/16/13
D. J. J. J.

Test Certificate

TC No : 63	Invoice No: 161	Date : 15-11-2013
Customer Name and Address: Sara Industrial Estate Ltd Chakrata Road Rampur Dehradun (Uttarakhand)		Sara Sae Pvt. Ltd. A-2
Supply condition: As Ingots		

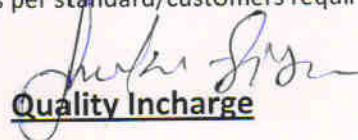
Chemical Analysis

Elements	C	Mn	P	S	Cr	Mo	Ni	Heat No	PC S.	Weight	Grade	Size	Colour
Result	.062	1.18	.035	.012	16.67	2.01	10.05	J-93	16	1470	SS316	95kg	Blue/Pink
Result	.064	1.21	.036	.012	16.85	2.02	10.02	J-94	16	1480	SS316	95kg	Blue/Yellow
Result	.059	1.21	.039	.010	16.09	2.04	10.05	L-25	17	1580	SS316	95kg	Blue/Green
Result	.067	1.18	.042	.013	16.34	2.02	10.02	L-28	18	1655	SS316	95kg	Blue/White
Result	.062	1.14	.043	.015	16.68	2.04	10.04	M-33	12	1130	SS316	95kg	Blue/Yellow/Red
Result	.066	1.13	.045	.015	16.64	2.04	10.03	M-35	12	1140	SS316	95kg	Blue/Yellow/Green

Remarks:

1. Manufacturing Route: Induction Furnace
2. Material is free from residual radioactive elements.
3. Lead not added during manufacturing.

We are confirming that test result findings are correct and results are as per standard/customers requirement.


Quality Incharge