

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
L28 (8952)	Unknown	Wednesday November 20, 2013	2:30:37 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		
L28 (8952)	SARA	ALSI SS316		
C	Si	Mn	P	S
Conc	Conc	Conc	Conc	Conc
%	%	%	%	%
1 0.054	0.38	1.07	0.016	<0.002
2 0.055	0.39	1.07	0.017	<0.002
3 0.053	0.38	1.07	0.018	<0.002
Rep 0.054	0.38	1.07	0.017	<0.002
Min Cal 0.006	0.005	0.004	0.003	0.002
Mean 0.054	0.38	1.07	0.017	<0.016
Max Cal 3.00	5.04	18.12	0.18	0.30
Cr	Mo	Ni	Al	Co
Conc	Conc	Conc	Conc	Conc
%	%	%	%	%
16.54	1.75	10.20	0.016	0.15
16.58	1.74	10.19	0.017	0.15
16.64	1.71	10.19	0.014	0.15
16.59	1.73	10.19	0.015	0.15
0.005	0.003	0.005	0.003	0.005
16.59	1.73	10.19	0.015	0.15
36.00	10.20	55.2	6.24	21.60
Cu	Nb	Ti	V	W
Conc	Conc	Conc	Conc	Conc
%	%	%	%	%
0.39	0.097	0.015	0.029	0.16
0.39	0.095	0.015	0.029	0.14
0.39	0.091	0.014	0.028	0.14
0.39	0.095	0.015	0.029	0.15
0.002	0.005	0.0010	0.002	0.40
0.39	0.095	0.015	0.029	0.15
7.44	3.60	3.60	12.00	7.32
Pb	Sn	As	Zr	
Conc	Conc	Conc	Conc	
%	%	%	%	
0.013	0.012	<0.005	0.004	
0.012	0.012	<0.005	0.005	
0.014	0.012	<0.005	0.004	
0.013	0.012	<0.005	0.004	
0.010	0.002	0.005	0.003	
0.013	0.012	<0.014	0.004	
0.27	0.13	0.19		
Ca	B	Fe		
Conc	Conc	Conc		
%	%	%		
0.001	0.002	69.1		
0.001	0.002	69.1		
0.0009	0.002	69.1		
0.001	0.002	69.1		
0.0005	0.0005			
0.001	0.002	69.1		
0.001	0.002			
0.016	0.025			

OK
8/3/16
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		

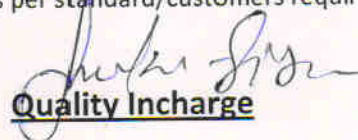
Chemical Analysis

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