



white

Heat No-C38

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin	Method Name	Method Version	Operator Name	Correction Type	Type Corr Sample Name
SARA	GR-XRF		2012/03/04 11:40	MANU/20	10-10-103		SARA	None	
Check Type	Check Status	Grade Verification Name			Grade Verification Similarity		Grade Search Name		Grade Search Similarity
None	Not Used				0%				100%
Sample Name	Grade Nom	Grade							
SARA									

Elements Conc.

Meas.	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co
	%	%	%	%	%	%	%	%	%	%
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Cal. Min	0.005	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005
<x>	0.093	0.47	1.16	0.017	0.018	16.27	2.18	10.34	0.047	0.15
Cal. Max	3.00	5.04	10.12	0.13	0.30	35.00	10.20	55.2	5.24	21.50
Mean	0.093	0.47	1.16	0.017	0.018	16.27	2.18	10.34	0.047	0.15
	0.073	0.459	1.144	0.025	0.027	16.48	2.03	10.14		
Meas.	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr	Ca
	%	%	%	%	%	%	%	%	%	%
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Cal. Min	0.002	0.005	0.0010	0.002	0.040	0.010	0.002	0.005	0.003	0.0005
<x>	0.39	0.025	0.015	0.066	0.058	<0.010	0.010	<0.005	0.003	0.002
Cal. Max	7.44	3.60	3.60	12.00	7.32	0.13	0.27	0.13	0.19	0.016
Mean	0.39	0.025	0.015	0.066	0.058	<0.003	0.010	<0.027	<0.001	0.002
	0.39									
Meas.	B	Fe								
	%	%								
	Conc.	Conc.								
Cal. Min	0.0005									
<x>	0.0005	68.7								
Cal. Max	0.025									
Mean	<0.0005	68.7								

10584

Test Certificate

TC No : 57	Invoice No:99	Date : 21-08-2013
Customer Name and Address: 7, 1-Pritam Road Dehradun-248001 (Uttarakhand)		Sara Sae Pvt. Ltd.
Supply condition: As Ingots		

Chemical Analysis

Elements	C	Si	Mn	P	S	Cr	Mo	Ni	Nb	Heat No	PC S.	Weight	Grade	Size	Colour
Result	.0695	.520	1.21	.0140	.0143	16.35	2.02	10.01	.0238	C-36	18	1710	SS316	95kg	Blue/Yello
Result	.0712	.463	1.22	.0398	.0134	16.27	2.01	10.03	.0296	C-37	17	1620	SS316	95kg	Blue/Pink
Result	.0696	.523	1.16	.0389	.0149	16.47	2.00	10.04	.0330	C-38	18	1710	SS316	95kg	Blue/Black
Result	.0654	.534	1.17	.0377	.0127	16.66	2.01	10.03	.0291	C-39	18	1710	SS316	95kg	Blue/White
Result	.0694	.564	1.19	.0294	.0092	17.13	2.02	10.02	.0316	C-45	18	1715	SS316	95kg	Blue/Green
Result	.0681	.537	1.20	.0375	.0117	16.82	2.02	10.02	.0273	C-46	19	1805	SS316	95kg	Blue/Red

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

SS316