

# CERTIFICATE OF ANALYSIS



1819 Clarkson Rd.  
 Chesterfield, MO 63017  
 Phone: (636) 537-2600

UNITED STATES  
 UNITED STATES

Release Number: 591870  
 Ship Date: 6/12/2023

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**Customer Information**

PO #	SSW136193	END USE PO #	MULT
CPO #		USE END USER PO #	
PART #	See Line Items Below...		
REV LEVEL		CUSTOMER PART #	
		SO #	834497

**Chemistry**

Heat Number 6338  
 Melted and Manufactured in the USA

C: 0.1710	Mn: 0.7850	P: 0.0095	S: 0.0088	Si: 0.0240	Cu: 0.1570	Al: 0.0450	V: 0.0010	Ni: 0.0680	Nb/CB:
Cr: 0.0630	Ti: 0.0012	Mo: 0.0230	B:	CE: 0.338	N: 0.0086	CA: 0.0019	Sn: 0.0060		

Tag No	Product	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
200722246	Hot Rolled	0.2500	4.0000	480.0000	7.814	Tag As	CASA GRANDE	22560N250HR00AB40ST	A500 21 B & C MELTED & MFG USA	74971	50192	32
			4" SQ X 0.250 HR X 40'					Cust PO: SSW136193				
200722266	Hot Rolled	0.2500	4.0000	480.0000	7.814	Tag As	CASA GRANDE	22560N250HR00AB40ST	A500 21 B & C MELTED & MFG USA	74971	50192	32
			4" SQ X 0.250 HR X 40'					Cust PO: SSW136193				

# CERTIFICATE OF ANALYSIS



**BULL MOOSE**  
 TUBE  
 1819 Clarkson Rd.  
 Chesterfield, MO 63017  
 Phone: (636) 537-2600

8415 Clinton Dr  
 UNITED STATES

029  
 UNITED STATES

Release Number: 591870  
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CHEMISTRY																		
MELTED AND MANUFACTURED IN THE USA																		
C:	0.0166	Mn:	0.7990	P:	0.0096	S:	0.0107	Si:	0.0230	Cu:	0.1660	Al:	0.0510	V:	0.0010	Ni:	0.0690	Nb/CB:
Cr:	0.0680	Ti:	0.0012	Mo:	0.0240	B:	CE:	0.188	N:	0.0076	CA:	0.0017	Sn:	0.0070				

Tag No	Product	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
200722100	Hot Rolled	0.2500	4.0000	480.0000	7,814	Tag As	CASA GRANDE	22560N250HR00AB40ST Cust PO: SSW136193	A500 21 B & C MELTED & MFG USA	74263	51580	30
200722114	Hot Rolled	0.2500	4.0000	480.0000	7,814		CASA GRANDE	22560N250HR00AB40ST Cust PO: SSW136193	A500 21 B & C MELTED & MFG USA	74263	51580	30
200722123	Hot Rolled	0.2500	4.0000	480.0000	7,814		CASA GRANDE	22560N250HR00AB40ST Cust PO: SSW136193	A500 21 B & C MELTED & MFG USA	74263	51580	30
200722160	Hot Rolled	0.2500	4.0000	480.0000	7,814		CASA GRANDE	22560N250HR00AB40ST Cust PO: SSW136193	A500 21 B & C MELTED & MFG USA	74263	51580	30

**Total Certificate Weight: 46,884 LBS      21,266.2 KGS**

THIS WELDED STEEL TUBING IS MANUFACTURED IN THE UNITED STATES OF AMERICA AND HAS BEEN PRODUCED IN ACCORDANCE WITH THE STATED SPECIFICATION. LADLE CHEMISTRIES ARE REPORTED FROM DOCUMENTS PROVIDED BY THE SUPPLYING STEEL MILL. ANY PHYSICAL AND MECHANICAL TESTING RESULTS SHOWN ON THIS CERTIFICATION ARE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

*(Signature)*  
**Mark Miller**  
 Corporate Quality Manager



**TIME CONFIRMATION**

**Load Number:** 591870  
**Scheduled Appointment Date:** 6/12/2023  
**Scheduled Appointment Time:** 13:00:00  
**Gate In Date:** 6/12/2023  
**Gate In Time:** 14:09:08  
**Dock In Date:** 6/12/2023  
**Dock In Time:** 16:52:11  
**Dock Out Date:** 6/12/2023  
**Dock Out Time:** 16:52:13  
**(Kiosk) Gate Out Date:** 6/12/2023  
**(Kiosk) Gate Out Time:** 17:29:14