

TEST REPORT

IMR Report Number 201612256

SUMMARY

One sample was received for chemical analysis.

The sample **meets** to the chemistry requirements of UNS-S31603 for an austenitic Cr-Ni-Mo stainless steel (low carbon) (316L).

July 21, 2016

Wesley Brown
 Black Claw, LLC



PO Number
 Credit Card

Date Received
 July 8, 2016

Material
 316L S/Steel

Specification(s)
 UNS-S31603

CHEMISTRY

Element	12256-CHM	Specification
C ¹	0.019	0.030 Maximum
Cr	16.85	16.00 – 18.00
Mn	1.11	2.00 Maximum
Mo	2.02	2.00 – 3.00
Ni	10.26	10.00 – 14.00
P	0.039	0.045 Maximum
S ¹	0.001	0.030 Maximum
Si	0.36	1.00 Maximum
Fe	Balance	---

Results in weight percent unless otherwise indicated
 Method(s): CPP-014D (ICP-AES); ASTM E1019-11 (Comb./IGF)
¹ Determined by combustion-infrared absorbance



Reviewed by

Julie Sheufelt
 Technical Review

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