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**CERTIFICATE OF ANALYSIS**

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CUSTOMER :  
MARKED FOR :  
PACK SLIP/ORDER# :

P.O. NUMBER : 119249  
DATE : 01/09/2019  
WORK ORDER :

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TYPE : 316/316L

SIZE : 0.045"

LOT NO. : 8120412311

LBS SHIPPED : 30 lbs

HEAT NO. : E28123

SPECIFICATION : AWS A5.9, ASME SFA5.9

PART NUMBER : S522312-A26

ER316/ER316L EN 10204 3.1 (For Actual Chemistry Only)

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Actual Chemistry :

**FILLER METAL CHEMISTRY(%)**

C	0.009
Cr	18.06
Ni	12.05
Mo	2.50
Mn	1.50
Si	0.55
P	0.027
S	0.001
Cu	0.33
Nb	0.140
N	0.040

**This material has not come in contact with mercury or mercury containing compounds.**

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**Typical Mechanical Properties :**

86,000 Tensile Psi

57,000 Yield Psi

36 % Elongation

Charpy V-Notch Average = 34 Ft Lbs. @ -320 Degrees F

This typical mechanical information should not be construed as actual results.

**Ferrite(s) :**

FN (Magnetic)

9.0 FN (DeLong)

7.1 FN (WRC)

7.1 % Ferrite (Schaeffler)

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**We hereby certify that the above product has been classified in accordance with the listed specification and conforms to all applicable requirements thereof.**

Filler Metals Quality Assurance

Hobart Brothers Company

Hobart Square

Troy, Ohio 45373

Authorized Signature

