



**CERTIFICATE OF ANALYSIS**

CUSTOMER :  
MARKED FOR :  
PACK SLIP/ORDER# :

P.O. NUMBER : 119584  
DATE : 07/31/2020  
WORK ORDER :

TYPE : 316/316L

SIZE : 0.035"

LOT NO. : 0070182409

LBS SHIPPED : 30 lbs

HEAT NO. : E37824

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S522308-A26

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

**Actual Chemistry :**

**FILLER METAL CHEMISTRY(%)**

|    |       |
|----|-------|
| C  | 0.011 |
| Cr | 18.00 |
| Ni | 12.18 |
| Mo | 2.50  |
| Mn | 1.50  |
| Si | 0.56  |
| P  | 0.027 |
| S  | 0.001 |
| Cu | 0.32  |
| Nb | 0.018 |
| N  | 0.040 |

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

**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)  
8.0 FN (DeLong)  
5.9 FN (WRC)  
6.5 % Ferrite (Schaeffler)

**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**