



**CERTIFICATE OF ANALYSIS**

CUSTOMER :

P.O. NUMBER : 2000-011513/PO:ICO-02007331

MARKED FOR :

DATE : 08/11/2025

PACK SLIP/ORDER# :

WORK ORDER :

TYPE : 316/316L

SIZE : 0.035"

LOT NO. : 250609116M09

PACKAGE WEIGHT : 30 lbs

HEAT NO. : E45116

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S522308-I26

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

**Actual Chemistry :**

**FILLER METAL CHEMISTRY(%)**

C	0.008
Cr	18.01
Ni	12.04
Mo	2.50
Mn	1.50
Si	0.53
P	0.027
S	0.001
Cu	0.33
Nb	0.026
N	0.040

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

**Typical Mechanical Properties :**

80,000 Tensile Psi

63,000 Yield Psi

38 % Elongation

Charpy V-Notch Average = 26 Ft Lbs. @ -320 Degrees F

Lateral Expansion = 21 mils @ -320 Degrees F

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

**Ferrite(s) :**

FN (Magnetic)

8.6 FN (DeLong)

6.7 FN (WRC)

6.9 % 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**

*Thomas Yoda*