

**CERTIFICATE OF ANALYSIS**

CUSTOMER:
MARKED FOR:
PACK SLIP\ORDER#:

P.O. NUMBER: 119804
DATE:11/25/2021
WORK ORDER:

TYPE: FabCO 309LT1

Part No.: S689212-078

SIZE:0.045in.

LOT NO.: A11069912K

LBS SHIPPED: 18645 lbs

HEAT NO.: B3105981

SPECIFICATION: AWS A5.22, ASME SFA5.22 EN 10204 3.1

CLASS: E309LT1-1/4

Shielding Medium: 75%Ar+25%CO₂

Actual Chemistry:

FILLER METAL CHEMISTRY(%)

C 0.019
Cr 23.7
Ni 13.0
Mo 0.001
Mn 1.05
Si 0.491
P 0.022
S 0.002
Cu 0.007
Nb 0.016
N 0.053

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

Actual Mechanical Properties:**Ferrite(s):**

79,855 Tensile PSI

Yield PSI

FN (Magnetic)

40 % Elongation

14.0 FN (WRC-1992)

Charpy V-Notch Average = 55 Ft Lbs. @ -4 Degrees F

Inspection Certificate according to EN 10204 Type 3.1

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

Zhoujian.Li .Quality Manager