



MATERIAL TEST REPORT

| | |
|---|--|
| Sold To: 3302012 STAINLESS & NICKEL ALLOY PIPING PRODUCTS 10225 MULA ROAD, SUITE 100 STAFFORD TX 77477 | Ship To: 67699 STAINLESS & NICKEL ALLOY PIPING PRODUCTS 8911 SPRINGDALE AVE berkeley MO 63134 |
|---|--|

| |
|--|
| Purchase Order: 4021080 Sales Order: 275479 Material: M063084010900 A/SA312 TP304L 1/2" S40 Delivery / File Nbr: 80481600 |
|--|

Description: ASTM A312-2021 ASME SA312-19
WELDED STAINLESS STEEL PIPE, TP304/TP304L

Test: REVERSE BEND TEST PASSED. FLATTENING TEST PASSED. REVERSE FLATTENING TEST PASSED. FLARE TEST PASSED. NDT ELECTRIC TESTED TO ASTM A999, TEST METHOD E426 USING A DRILL-HOLE REF. STD. THE HARDNESS FOR THE GRADE TP304/304L COMPLIES TO SECTION A.2.2 OF NACE MR0175/ISO-15156-3 LATEST VERSION. HEAT TREATED AT MINIMUM OF 1900 DEGREES F AND RAPIDLY COOLED PER ASTM A312 CURRENT REVISION.

Heat Number: OC534566
%

| | | |
|-------------------|-----|--------|
| CARBON | LDL | 0.023 |
| MANGANESE | LDL | 1.310 |
| PHOSPHORUS | LDL | 0.029 |
| SULFUR | LDL | 0.002 |
| SILICON | LDL | 0.380 |
| NICKEL | LDL | 8.000 |
| CHROMIUM | LDL | 18.100 |

| | |
|------------------------|-----------------|
| Ultimate (PSI) | 94,520 / 95,020 |
| Yield (PSI) | 45,880 / 46,490 |
| Elongation (%) | 63 / 65 |
| Hardness (HRBW) | 80 / 81 |

We hereby certify that the above figures are correct as contained in the records of the company and that each batch has been manufactured, sampled, tested and inspected in accordance with the applicable specification stated above. This Document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1. Webco does not use mercury in testing or production of its stainless steel products. According to our records and to the best of Webco's knowledge, understanding and belief, this product was not contaminated during manufacture in our facilities.

Date: 10/07/2021

TUCKER MELVIN
KST Quality Manager
TMELVIN@WEBCOTUBE.COM

18256 West HWY 66
Kellyville OK 74039