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| CLIENTE PLESA ANAHUAC Y CIAS, S.A. DE C.V. | FECHA EMISION 16.03.2015 | PAGINA 1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA. ING. RAMIRO CISNEROS MENCHACA PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION AV. VALLE DE LAS ALAMEDAS No. 66-0 . | | | |
| PRODUCTO PLACA ANCHA | | | |

| COMPOSICION QUIMICA | | | | | | | | | | | | | |
|---------------------|-------------------------|-----------|---------------|-------------|-------------|------------|-----------|------------|-------|-------|-------|-------|-------|
| COLADA | ESPECIFICACION | C | Mn | P | S | Si | Cu | Cr | Ni | Mo | Alt | V | Cb |
| 1411847 | ASTM A36/ASME SA36 ED13 | 0.140 | 0.810 | 0.028 | 0.006 | 0.100 | 0.028 | 0.024 | 0.021 | 0.006 | 0.034 | 0.006 | 0.012 |
| 151439 | ASTM A36/ASME SA36 ED13 | 0.070 | 0.848 | 0.014 | 0.005 | 0.054 | 0.014 | 0.023 | 0.014 | 0.005 | 0.039 | 0.002 | 0.035 |
| COLADA | Ti | | | | | | | | | | | | |
| 1411847 | 0.002 | | | | | | | | | | | | |
| 151439 | 0.002 | | | | | | | | | | | | |
| PRUEBAS AL PRODUCTO | | | | | | | | | | | | | |
| COLADA | PLANCHON | NO. PLACA | ESPEJOR(Plg.) | L.ELASTICO | R.TENSION | %ELON. | T. ELONG. | | | | | | |
| 1411847 | 7012 | 89943073 | 0.6250 | 49.143(KSI) | 70.887(KSI) | 25(%) | 8 | | | | | | |
| 1411847 | 7013 | 89943081 | 0.6250 | 46.819(KSI) | 66.481(KSI) | 26(%) | 8 | | | | | | |
| 1411847 | 7016 | 90002231 | 0.2500 | 56.915(KSI) | 75.887(KSI) | 27(%) | 8 | | | | | | |
| 151439 | 7092 | 90002381 | 0.2500 | 69.223(KSI) | 75.727(KSI) | 27(%) | 8 | | | | | | |
| 151439 | 7102 | 90002373 | 0.2500 | 69.879(KSI) | 75.507(KSI) | 28(%) | 8 | | | | | | |
| PRODUCTO EMBARCADO | | | | | | | | | | | | | |
| COLADA | PLANCHON | NO. PLACA | ESPEJOR(Plg.) | ANCHO(Plg.) | LARGO(Plg.) | PEDIDO | PARTIDA | ENTREGA | | | | | |
| 1411847 | 7021 | 90002351 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7021 | 90002352 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7021 | 90002353 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7022 | 90002331 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7022 | 90002332 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7022 | 90002333 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7031 | 90002341 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7031 | 90002342 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7031 | 90002343 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7033 | 90002361 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7033 | 90002362 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 1411847 | 7033 | 90002363 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 151439 | 7092 | 90002381 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 151439 | 7092 | 90002382 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 151439 | 7092 | 90002383 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 151439 | 7092 | 90002384 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 151439 | 7102 | 90002373 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |
| 151439 | 7102 | 90002374 | 0.2500 | 96.0000 | 240.0000 | 0000168040 | 000020 | 1002087931 | | | | | |

EMITIO : S0558151



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| CLIENTE | PLESA ANAHUAC Y CIAS, S.A. DE C.V. | FECHA EMISION | 16.03.2015 | PAGINA | 2 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA. ING. RAMIRO CISNEROS MENCHACA PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . | | | | | |
| PRODUCTO | PLACA ANCHA | | | | | |

| +-----+ | | | | PRODUCTO EMBARCADO | -----+ |
|---------|----------|----------|-------------|--------------------|--------|
| COLADA | PLANCHON | NO.PLACA | PED.CLIENTE | NORMA | |
| 1411847 | 7021 | 90002351 | 20408 | A-6 | |
| 1411847 | 7021 | 90002352 | 20408 | A-6 | |
| 1411847 | 7021 | 90002353 | 20408 | A-6 | |
| 1411847 | 7022 | 90002331 | 20408 | A-6 | |
| 1411847 | 7022 | 90002332 | 20408 | A-6 | |
| 1411847 | 7022 | 90002333 | 20408 | A-6 | |
| 1411847 | 7031 | 90002341 | 20408 | A-6 | |
| 1411847 | 7031 | 90002342 | 20408 | A-6 | |
| 1411847 | 7031 | 90002343 | 20408 | A-6 | |
| 1411847 | 7033 | 90002361 | 20408 | A-6 | |
| 1411847 | 7033 | 90002362 | 20408 | A-6 | |
| 1411847 | 7033 | 90002363 | 20408 | A-6 | |
| 151439 | 7092 | 90002381 | 20408 | A-6 | |
| 151439 | 7092 | 90002382 | 20408 | A-6 | |
| 151439 | 7092 | 90002383 | 20408 | A-6 | |
| 151439 | 7092 | 90002384 | 20408 | A-6 | |
| 151439 | 7102 | 90002373 | 20408 | A-6 | |
| 151439 | 7102 | 90002374 | 20408 | A-6 | |
| +-----+ | | | | FIN DE DATOS | -----+ |