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|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE   | PLESA ANAHUAC Y CIAS, S.A. DE C.V.   | FECHA EMISION | 20.11.2013 | 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.<br><br><b>ING. RAMIRO CISNEROS MENCHACA</b><br><br>PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . |               |            |        |   |   |
| PRODUCTO  | Lam.rol.frio temp.tenson rollo       |               |            |        |   |   |

| COMPOSICION QUIMICA |                |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
|---------------------|----------------|---------------|-------------|------------|---------|------------|--------------|-------|-------|-------|-------|--------|-------|-------|-------|--|
| COLADA              | ESPECIFICACION | C             | Mn          | P          | S       | Si         | Cu           | Cr    | Ni    | Mo    | V     | Nb(Cb) | Ti    | Sn    | Als   |  |
| 139369              | SAE J403 1008  | 0.084         | 0.335       | 0.016      | 0.010   | 0.010      | 0.023        | 0.026 | 0.020 | 0.004 | 0.002 | 0.001  | 0.002 | 0.005 | 0.043 |  |
| 239186              | SAE J403 1008  | 0.084         | 0.312       | 0.020      | 0.011   | 0.011      | 0.022        | 0.035 | 0.019 | 0.004 | 0.002 | 0.001  | 0.002 | 0.002 | 0.039 |  |
| COLADA              | N2             |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 0.0053         |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 239186              | 0.0054         |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| PRUEBAS AL PRODUCTO |                |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| COLADA              | NO.ROLLO       | ESPEJOR(Plg.) | DUREZA      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639075A       | 0.0179        | 52(RB)      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639075B       | 0.0179        | 52(RB)      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639076A       | 0.0179        | 56(RB)      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639076B       | 0.0179        | 56(RB)      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 239186              | 5639070A       | 0.0179        | 54(RB)      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 239186              | 5639070B       | 0.0179        | 54(RB)      |            |         |            |              |       |       |       |       |        |       |       |       |  |
| PRODUCTO EMBARCADO  |                |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| COLADA              | NO.ROLLO       | ESPEJOR(Plg.) | ANCHO(Plg.) | PEDIDO     | PARTIDA | ENIREGA    | PED. CLIENTE |       |       |       |       |        |       |       |       |  |
| 139369              | 5639075A       | 0.0179        | 48.0000     | 0000144886 | 000080  | 1001853838 | 16203        |       |       |       |       |        |       |       |       |  |
| 139369              | 5639075B       | 0.0179        | 48.0000     | 0000144886 | 000080  | 1001853838 | 16203        |       |       |       |       |        |       |       |       |  |
| 139369              | 5639076A       | 0.0179        | 48.0000     | 0000144886 | 000080  | 1001853838 | 16203        |       |       |       |       |        |       |       |       |  |
| 139369              | 5639076B       | 0.0179        | 48.0000     | 0000144886 | 000080  | 1001853838 | 16203        |       |       |       |       |        |       |       |       |  |
| 239186              | 5639070A       | 0.0179        | 48.0000     | 0000143908 | 000050  | 1001853838 | 15979        |       |       |       |       |        |       |       |       |  |
| 239186              | 5639070B       | 0.0179        | 48.0000     | 0000143908 | 000050  | 1001853838 | 15979        |       |       |       |       |        |       |       |       |  |
| COLADA              | NO.ROLLO       | NORMA         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639075A       | AH/5%         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639075B       | AH/5%         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639076A       | AH/5%         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 139369              | 5639076B       | AH/5%         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 239186              | 5639070A       | AH/5%         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| 239186              | 5639070B       | AH/5%         |             |            |         |            |              |       |       |       |       |        |       |       |       |  |
| FIN DE DATOS        |                |               |             |            |         |            |              |       |       |       |       |        |       |       |       |  |

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| EL COMPROMISO DE AHMSA ES SOLO CON EL CLIENTE INDICADO EN ESTE CERTIFICADO, Y SOLO ACEPTAMOS EL DOCUMENTO ORIGINAL | EMITIO : S0550133 |
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