



NOVASINA Humidity Standards with Certificate (EN/ISO 9000)

Certificate of Compliance

we hereby acknowledge, that the following NOVASINA Sensor Checks can be supplied with an EA(*) humidity certificate from a European accredited lab:

| | | | | | | |
|---------------|-----|---------|--------------------------|---------|-----|---------|
| SC-11 (11%rh) | p/n | 1110885 | <i>with certificate:</i> | SC-11/C | p/n | 1111044 |
| SC-33 (33%rh) | p/n | 1110855 | | SC-33/C | p/n | 1111037 |
| SC-53 (53%rh) | p/n | 1110857 | | SC-53/C | p/n | 1111040 |
| SC-75 (75%rh) | p/n | 1110859 | | SC-75/C | p/n | 1111035 |
| SC-90 (90%rh) | p/n | 1110896 | | SC-90/C | p/n | 1111032 |

As well the salt tablets SAL-T:

| | | | | | | |
|------------------|-----|---------|--------------------------|------------|-----|---------|
| SAL-T- 6 (6%rh) | p/n | 1116453 | <i>with certificate:</i> | SAL-T- 6/C | p/n | 1117000 |
| SAL-T-11 (11%rh) | p/n | 1110930 | | SAL-T-11/C | p/n | 1111056 |
| SAL-T-33 (33%rh) | p/n | 1110932 | | SAL-T-33/C | p/n | 1111057 |
| SAL-T-53 (53%rh) | p/n | 1110934 | | SAL-T-53/C | p/n | 1111060 |
| SAL-T-75 (75%rh) | p/n | 1110936 | | SAL-T-75/C | p/n | 1111063 |
| SAL-T-90 (90%rh) | p/n | 1110938 | | SAL-T-90/C | p/n | 1111065 |
| SAL-T-98 (98%rh) | p/n | 1110940 | | SAL-T-98/C | p/n | 1111068 |

Axair as the manufacturer of both forms of humidity standards guarantees, that the content of SC and SAL-T of the same relative humidity (11, 33, 53, 75 or 90) are prepared with chemicals from the same batches. Therefore, the equilibrium humidity of SC and SAL-T of the same humidity value do coincide within the accuracy tolerance of the measuring instrument, when supplied from the factory, as long as the salt standards are visibly saturated and are not leaking.

(*) In Nov. 97, the EA, European co-operation for Accreditation, was created by merging the EAC, European Accreditation of Certification, and the EAL, European cooperation for the Accreditation of Laboratories (formerly WECC, Western European Calibration Cooperation). EA member countries are:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

Associated members are: the Czech Republic, Hungary and Slovakia.

In addition, South Africa, Australia, New Zealand and Hongkong have signed a "Multilateral Agreement for Testing", recognizing the equivalence of accreditation.

USA: the humidity standards are based on saturated salt solutions as described by the NIST, National Institute of Standards and Technology, Washington DC (NBS Journal of research, Vol.81A, No.1,

Jan/Feb.1977: Dr. Greenspan Report).



- [111 6453](#) -> SAL-T 6% rh
- [111 0930](#) -> SAL-T 11% rh
- [111 0932](#) -> SAL-T 33% rh
- [111 0934](#) -> SAL-T 53% rh
- [111 0936](#) -> SAL-T 75% rh
- [111 0938](#) -> SAL-T 90% rh
- [111 0940](#) -> SAL-T 98% rh

SAL-T salt tablets

Humidity standards based on saturated salt solutions in plastic tablets with humidity-permeable membranes. Each salt is delivered in an airtight can. SAL-T are available with the following humidity values (at 25°C):

| | | |
|--------|--------|--------|
| 6,4 % | Colour | white |
| 11,3 % | Colour | white |
| 32.8 % | Colour | blue |
| 52.9 % | Colour | green |
| 75.3 % | Colour | purple |
| 90.1 % | Colour | white |
| 98.0 % | Colour | orange |

Humidity values in the temperature range 15° 30°C:

| | |
|------------|----------|
| 6.9 | 6.2% rh |
| 11.3 | 11.3% rh |
| 33.3 | 32.4% rh |
| 55.9 | 51.4% rh |
| 75.6 | 75.1% rh |
| 90.9 | 89.9% rh |
| 98.5..... | 98.0% rh |

The precision corresponds to the Greenspan Report 1977 typically +/- 0.3 % rh

Weight: 50g a piece



- [111 7000](#) -> SAL-T/C 6% rh
- [111 1056](#) -> SAL-T/C 11% rh
- [111 1057](#) -> SAL-T/C 33% rh
- [111 1060](#) -> SAL-T/C 53% rh
- [111 1063](#) -> SAL-T/C 75% rh
- [111 1065](#) -> SAL-T/C 90% rh
- [111 1068](#) -> SAL-T/C 98% rh

SAL-T/C salt tablets EU with European certificate

Humidity standards based on saturated salt solutions in plastic tablets with humidity-permeable membranes. Each salt is delivered in an airtight can. SAL-T are available with the following humidity values (at 25°C):

| | | |
|--------|--------|--------|
| 6.4 % | Colour | white |
| 11.3 % | Colour | white |
| 32.8 % | Colour | blue |
| 52.9 % | Colour | green |
| 75.3 % | Colour | purple |
| 90.1 % | Colour | white |
| 98.0 % | Colour | orange |

Internationally accredited laboratory



All Novasina humidity standards are also available with an internationally recognised certificate from an accredited European laboratory (UKAS England).

Weight: 50g a piece



[111 0695](#) Set of 5 SAL-T

Set of 5 SAL-T salt tablets

Humidity standards based on saturated salt solutions in plastic tablets with humidity-permeable membranes. Each salt is delivered in an airtight can. The set consists of a case containing one each of the following values (at 25°C):

| | | |
|--------|--------|--------|
| 11.3 % | Colour | white |
| 32.8 % | Colour | blue |
| 52.9 % | Colour | green |
| 75.3 % | Colour | violet |
| 90.1 % | Colour | white |

Case with 5 salt tablets SAL-T for 11 ... 90%rh.

Humidity values in the temperature range 15° 30°C:

| | |
|------------|----------|
| 11.3 | 11.3% rh |
| 33.3 | 32.4% rh |
| 55.9 | 51.4% rh |
| 75.6 | 75.1% rh |
| 90.9 | 89.9% rh |

The precision corresponds to the Greenspan Report 1977 typically +/- 0.3 % rh

Weight: 670g



[111 0435](#) Set of 6 SAL-T

Set of 6 SAL-T salt tablets

Humidity standards based on saturated salt solutions in plastic tablets with humidity-permeable membranes. Each salt is delivered in an airtight can. The set consists of a case containing one each of the following values (at 25°C):

| | | |
|--------|--------|--------|
| 11,3 % | Colour | white |
| 32,8 % | Colour | blue |
| 52,9 % | Colour | green |
| 75,3 % | Colour | violet |
| 90,1 % | Colour | white |
| 98,0 % | Colour | orange |

Case with 6 salt tablets SAL-T for 11 ... 98%rh.

Humidity values in the temperature range 15° 30°C:

| | |
|------------|----------|
| 11.3 | 11.3% rh |
| 33.3 | 32.4% rh |
| 55.9 | 51.4% rh |
| 75.6 | 75.1% rh |
| 90.9 | 89.9% rh |
| 98.5..... | 98.0% rh |

The precision corresponds to the Greenspan Report 1977 typically +/- 0.3 % rh

Weight: 710g