

## 1. ACILA®LRW (LAL Reagent Water)

Is distilled water and may be used as EP<sup>1</sup> or USP<sup>2</sup> LAL water for all methods of LAL testing. Its specification is listed below.

### Specification

Endotoxin	< 0.001 I.U./ml
particle count	<10% of USP and EP specification
Sterility Assurance Level (SAL)	SAL: 10 <sup>-6</sup> (glass) 10 <sup>-3</sup> (plastic)
Beta (1-3) Glucan	< 2.0 ng/ml
conductivity	< 3 µS/cm

**Glass container**



vials/pack	ml/bottle	REF
10	30 ml	1715004
100	30 ml	1715014
10	50 ml	1715006
100	50 ml	1715007
10	100 ml	1715015
50	100 ml	1715020
6	500 ml	1715054
6	1000 ml	1715105

**Plastic container**



Vials/pack	ml/bottle	REF
10	60 ml	1716-0060
200	60 ml	1716-0060
96	100 ml	1716-0100
10	125 ml	1716-0125
96	125 ml	1716-0125
6	500 ml	1716-0600
6	1000 ml	1716-1000

## 2. BUFFERS

All listed buffers and solutions are free of endotoxin, as no endotoxin can be detected using the bacterial Endotoxins Test (EP 2.6.14 and USP <85>. Other solutions on demand.

### Specification

Endotoxin	< 0.01 I.U./ml
sterilisation method	steam sterilisation 121 °C to 124 °C, >15 min
pH-value	± 0,1
packaging	bottle for injections, glass type I

### 2.1 TrisSol® Tris-Buffer

Endotoxin free Tris buffer are especially suitable for LAL tests lysates. The lysate can be dissolved in Tris buffer instead of water (observing the specifications of the lysate manufacturer).

Thereby the buffer without colour is used for dissolving lysates when the kinetic turbidimetric method is used; the buffer with colour is used for the reconstitution of lysates, when the gel clot method is chosen. This way pH adjustment of the test product can often be avoided, and for some products a special sample preparation is not necessary.



Product	ml/bottle	bottles/pack	Ref.
TrisSol, 0.05 M - pH 7.4 at 37°C	50 ml	1	1715200
TrisSol, 0.1 M - pH 7.4 at 37°C	50 ml	1	1715215
TrisSol, 0.15 M - pH 7.4 at 37°C	50 ml	1	1715240
TrisSol, 0.2 M, red - pH 7.4 at 37°C	5.5 ml	10/80	1715265
TrisSol, 0.2 M - pH 7.4 at 37°C	5.5 ml	10/80	1715250
	55 ml	1	1715255

### 2.2 PYROKONTROL® Phosphate buffer



Product	ml/bottle	bottles/pack	Ref.
0.1 M Phosphate buffer pH 6.0	100 ml	10	1712410
1/15 M Phosphate buffer pH 6,8 (Sörensen)	100 ml	10	1712411
0.1 M Phosphate buffer pH 7.0	100 ml	10	1712420
0,1 M Potassium phosphate buffer pH 7,0	100 ml	10	1712430

Further buffers on request

**3. PYROKONTROL® LAL hydrochloric acid,  
LAL sodium hydroxide, potassium hydroxide**

The listed products correspond to the specification of EP<sup>1</sup> and USP<sup>2</sup>.

They contain no detectable endotoxin.



Product	ml/bottle	bottles/pack	Ref.
0.1 N LAL-Hydrochloric acid	100 ml	1	1712300
1.0 N LAL-Hydrochloric acid	100 ml	1	1712310
0.1 N LAL-Sodium hydroxide	100 ml	1	1712200
1.0 N LAL-Sodium hydroxide	100 ml	1	1712210
0.1 N LAL-Potassium hydroxide	100 ml	1	1712220
1.0 N LAL-Potassium hydroxide	100 ml	1	1712225

**4. PYROKONTROL® isotonic sodium chloride solution (NaCl 0.9 %)**



Product	ml/bottle	bottles/pack	Ref.
NaCl 0,9% <i>sterile, endotoxin content &lt;0.01 I.U./ml</i>	100 ml	10	1715165
	100 ml	50	1715170
	500 ml	6	1715175
	1000 ml	6	1755180