

## CERTIFICATE OF ANALYSIS<sup>®</sup>

<b>SKU</b>	<b>CHE-D1</b>
<b>CHEMICAL NAME</b>	<b>DEIONISED WATER</b>
<b>CHEMICAL GRADE</b>	<b>PURE</b>
<b>CAS NUMBER</b>	<b>7732-18-5</b>
<b>LOT NUMBER</b>	<b>RLS-031023</b>
<b>RETEST DATE</b>	<b>21/01/2027</b>

### Warranty Certificate

<i><b>Test</b></i>	<i><b>Specifications</b></i>	<i><b>Results</b></i>
<b>ABSORBANCE (254nm)</b>	≤ <b>0.1</b>	<b>0.01</b>
<b>CHLORIDE (Cl-)</b>	≤ <b>0.00005%</b>	<b>0.00001%</b>
<b>SULPHATE (SO42-)</b>	≤ <b>0.0005%</b>	<b>0.0001%</b>
<b>SUBS. REDUCING KMNO4</b>	≤ <b>0.0001%</b>	<b>0.00002%</b>
<b>BARIUM (Ba)</b>	≤ <b>0.000005%</b>	<b>0.000001%</b>
<b>IRON (Fe)</b>	≤ <b>0.00005%</b>	<b>0.000003%</b>
<b>LEAD (Pb)</b>	≤ <b>0.000005%</b>	<b>0.0000002%</b>
<b>MAGNESIUM (Mg)</b>	≤ <b>0.00005%</b>	<b>0.00001%</b>
<b>NICKEL (Ni)</b>	≤ <b>0.000005%</b>	<b>0.000001%</b>
<b>POTASSIUM (K)</b>	≤ <b>0.000005%</b>	<b>0.000001%</b>
<b>SODIUM (Na)</b>	≤ <b>0.0001%</b>	<b>0.00009%</b>
<b>TOTAL COLIFORM</b>	<b>NOT DETECTED</b>	<b>PASS</b>
<b>FAECAL COLIFORM</b>	<b>NOT DETECTED</b>	<b>PASS</b>
<b>TOTAL PLATE COUNT</b>	<b>NOT DETECTED</b>	<b>PASS</b>
<b>IODIDES</b>	<b>NOT DETECTED</b>	<b>PASS</b>
<b>BROMIDES</b>	<b>NOT DETECTED</b>	<b>PASS</b>
<b>CONDUCTIVITY</b>	<b>0.1 -3.0 uS/cm</b>	<b>0.1 uS/cm</b>
<b>pH</b>	<b>6.0 – 7.0 pH</b>	<b>6.36 pH</b>

RLS Chemical warrants conformance of its products against the relevant specification in good faith. In-house quality control procedures include representations provided by production/manufacturing source. A representative batch retention sample of the above-mentioned material has tested according to results above. Shelf life is based on current knowledge and holds only for correct storage in the original closed and sealed containers. Suitability of the product for a particular use or application is not guaranteed. It remains the responsibility of the user to determine such.

APPROVED DATE: 28.05.2024



**Quality Control**

**Quality Management ISO 9001:2015  
NIST traceable calibration certified.**