



# Product Specification

cdhfinechemical.com

## WATER LC-MS

<b>PRODUCT CODE</b>	<b>779675</b>	
<b>SYNONYMS</b>	<b>N/A</b>	
<b>C.I. NO.</b>	<b>N/A</b>	
<b>CASR NO.</b>	<b>7732-18-5</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>H<sub>2</sub>O</b>	<b>H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULARWEIGHT</b>	<b>18.015</b>	
<b>PROPERTIES</b>	----	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A clear & colourless liquid.	
Solubility	Miscible with alcohol forming clear & colourless solution.	
pH of water	5.5-7.5	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Aluminium (Al)	≤ 10 ppb	
Calcium (Ca)	≤ 100 ppb	
Chloride (Cl)	≤ 10 ppb	
Evaporation residue	≤ 5 mg/l	
Fluorescence (as quinine at 254 nm)	≤ 1 ppb	
Fluorescence (as quinine at 365 nm)	≤ 0.5 ppb	
Gradient grade (at 210 nm)	≤ 5 mAU	
Gradient grade (at 254 nm)	≤ 0.5 mAU	
Gradient grade (basic absorption 210 nm)	≤ 20 mAU	
Iron (Fe)	≤ 5 ppb	
Magnesium (Mg)	≤ 20 ppb	
Nitrate (NO <sub>3</sub> )	≤ 10 ppb	
Phosphate (PO <sub>4</sub> )	≤ 10 ppb	
Potassium (K)	≤ 10 ppb	
Sodium (Na)	≤ 200 ppb	
Sulphate (SO <sub>4</sub> )	≤ 10 ppb	
Any further metal (ICP-MS)	≤ 5 ppb	
TOC	≤ 30 ppb	
Spec. conductance at 25°C (at the time of manufacturing)	≤ 1 µS/cm	
Suitable for LC-MS ; Intensity of background mass peak based on reserpine (APCI/ESI positive)	≤ 1 ppb	
Suitable for LC-MS ; Intensity of background mass peak based on reserpine (APCI/ESI negative)	≤ 20 ppb	
Filtered by 0.2µm filter		



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<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements :</b> Not hazardous. No hazards. determined by using GHS criteria <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b> ---	IMDG Code : -- UN No. : -- IATA : --
<b>Disposal:</b> -----	
<b>Hazard Pictogram(s) :</b>	