

Specification

Sodium Molybdate 2-hydrate *BioChemica*

A2193

Solubility:	560 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A2193
Product Name:	Sodium Molybdate 2-hydrate <i>BioChemica</i>
Specifications:	<p>Assay (titr.): min. 99 %</p> <p>pH (5 %; H₂O; 20°C): 7.0 - 10.0</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Ammonium: max. 0.001 %</p> <p>Chloride: max. 0.005 %</p> <p>Phosphate: max. 0.001 %</p> <p>Sulfate: max. 0.005 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	Na ₂ MoO ₄ · 2H ₂ O
M:	241.95 g/mol
CAS:	10102-40-6
EINECS:	231-551-7
CS:	28417000
Comment	<p>Molybdate is a tyrosine phosphatase inhibitor (working concentration 1 - 10 mM) and is added to the inhibitor-cocktails. Usually the sodium or ammonium salt is used.</p>
Bibliography	<p>(1)Wu, Y.Y. & Bradshaw, R.A. (1993) <i>J. Cell Biol.</i> 121, 409-422Effect of nerve growth factor and fibroblast growth factor on PC12 cells\; Inhibition by Orthovanadate.</p>

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