


Specification

**Ammonium Peroxodisulfate for molecular biology**

**A2941**

<b>Solubility:</b>	582 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A2941
<b>Product Name:</b>	Ammonium Peroxodisulfate for molecular biology
<b>Specifications:</b>	<p>DNases/RNases/Proteases: not detectable</p> <p>Assay (titr.): min. 98 %</p> <p>Free acid: max. 0.1 %</p> <p>Residue on ignition: max. 0.05 %</p> <p>pH (5 %; H<sub>2</sub>O; 20°C): 3.0 - 4.0</p> <p>Chlorate: max. 0.001 %</p> <p>Chloride: max. 0.001 %</p> <p>Fe: max. 0.001 %</p> <p>Mn: max. 0.00005 %</p> <p>Pb: max. 0.005 %</p>
<b>Hazard pictograms</b>	
<b>UN:</b>	1444
<b>Class/PG:</b>	5.1/III
<b>ADR:</b>	5.1/III
<b>IMDG:</b>	5.1/III
<b>IATA:</b>	5.1/III
<b>WGK:</b>	1
<b>Storage:</b>	RT

**AppliChem GmbH**

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<b>Signal Word:</b>	Danger
<b>GHS Symbols:</b>	GHS03 GHS07 GHS08
<b>H Phrases:</b>	H272 H302 H315 H317 H319 H334 H335
<b>P Phrases:</b>	P280 P302+P352 P304+P341 P305+P351+P338 P342+P311
<b>Molecular Formula:</b>	$(\text{NH}_4)_2\text{S}_2\text{O}_8$
<b>M:</b>	228.20 g/mol
<b>CAS:</b>	7727-54-0
<b>EINECS:</b>	231-786-5
<b>CS:</b>	28334000
<b>Index Nr.:</b>	016-060-00-6

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