


Specification

**Imidazole for molecular biology**

**A1378**

<b>Solubility:</b>	663 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1378
<b>Product Name:</b>	Imidazole for molecular biology
<b>Specifications:</b>	<p>DNases/RNases: not detectable</p> <p>Proteases/Phosphatases: not detectable</p> <p>Assay (titr.): min. 99.5 %</p> <p>pH (0.1 M; H<sub>2</sub>O; 25°C): 9.5 - 11.0</p> <p>Water: max. 0.2 %</p> <p>Chloride: max. 0.005 %</p> <p>Sulfate: max. 0.005 %</p> <p>Al: max. 0.0005 %</p> <p>As: max. 0.00001 %</p> <p>Cd: max. 0.0005 %</p> <p>Fe: max. 0.0005 %</p> <p>Mn: max. 0.0005 %</p> <p>Pb: max. 0.0005 %</p> <p>Zn: max. 0.0005 %</p> <p>A (1 cm/0.1 M in H<sub>2</sub>O)</p> <p>260 nm: max. 0.1</p> <p>280 nm: max. 0.1</p>
<b>Hazard pictograms</b>	
<b>UN:</b>	3263
<b>Class/PG:</b>	8/III

**AppliChem GmbH**

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

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<b>ADR:</b>	8/III
<b>IMDG:</b>	8/III
<b>IATA:</b>	8/III
<b>WGK:</b>	2
<b>Storage:</b>	RT
<b>Signal Word:</b>	Danger
<b>GHS Symbols:</b>	GHS05 GHS07 GHS08
<b>H Phrases:</b>	H302 H314 H360D
<b>P Phrases:</b>	P280 P303+P361+P353 P305+P351+P338 P310 P321 P405 P501
<b>Molecular Formula:</b>	C <sub>3</sub> H <sub>4</sub> N <sub>2</sub>
<b>M:</b>	68.08 g/mol
<b>CAS:</b>	288-32-4
<b>EINECS:</b>	206-019-2
<b>CS:</b>	29332990
<b>Index Nr.:</b>	613-319-00-0

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Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340