



MINISTERIO  
DE SANIDAD, SERVICIOS SOCIALES  
E IGUALDAD

**aecosan**  
agencia española  
de consumo,  
seguridad alimentaria y nutrición



## **EUROPEAN UNION REFERENCE LABORATORY FOR MARINE BIOTOXINS**

# **List of Cyclic Imines Toxins Reference Materials Commercially Available**

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European Union Reference Laboratory for Marine Biotoxins (EURLMB)  
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## 7. CYCLIC IMINES TOXINS

<b>NRC-CNRC, Marine Analytical Chemistry Standards Program. Institute for Marine Biosciences</b> 1411 Oxford Street. Halifax, Nova Scotia B3H 3Z1 Canada Tel.: 1-902 426-8251 / Fax: 1-902 426-5426 Email: <a href="mailto:CRM-MRCBiotoxin-Biotoxines@nrc-cnrc.gc.ca">CRM-MRCBiotoxin-Biotoxines@nrc-cnrc.gc.ca</a> Web page: <a href="http://www.nrc-cnrc.gc.ca/eng/solutions/advisory/crm/biotoxin/list_products.html">http://www.nrc-cnrc.gc.ca/eng/solutions/advisory/crm/biotoxin/list_products.html</a>				
<b>Name</b>	<b>Sales name</b>	<b>Concentration</b>	<b>Amount</b>	<b>Comments</b>
13-desmethyl spirolide C	CRM-SPX1	10.2 µM	0.5 mL	Solution of desmethyl spirolide C in methanol
Gymnodimine	CRM-GYM-b	4.93 µM	0.5 mL	Solution of GYM in methanol

<b>Laboratorio CIFGA S.A.</b> Plaza Santo Domingo 20 - 5ª planta. 27001 Lugo, Spain Tel.: (0034)608 073 245/ Fax: (0034) 982 25 49 69 Email: <a href="mailto:cifaa.std100@cifaa.es">cifaa.std100@cifaa.es</a> / Web page: <a href="http://www.cifaa.es">http://www.cifaa.es</a>				
<b>Name</b>	<b>Sales name</b>	<b>Concentration</b>	<b>Amount</b>	<b>Comments</b>
20-methyl spirolide G	CRM-00-SPX20G	8.86 ± 0.77 µg/g Purity > 99%	3.50 µg	Liquid. In methanol with TFA 0.05% (v/v) Not certified
13-desmethyl spirolide C	00-13-desMeC	6.89 ± 0.45 µg/mL Purity > 95%	3.50 µg	Liquid. In methanol with TFA 0.05% (v/v) Not certified
13,19-didesmethyl spirolide C	00-13,19-didesMeC	11.69 ± 0.48 µg/mL Purity > 96%	5.00 µg	Liquid. In methanol with TFA 0.05% (v/v) Not certified