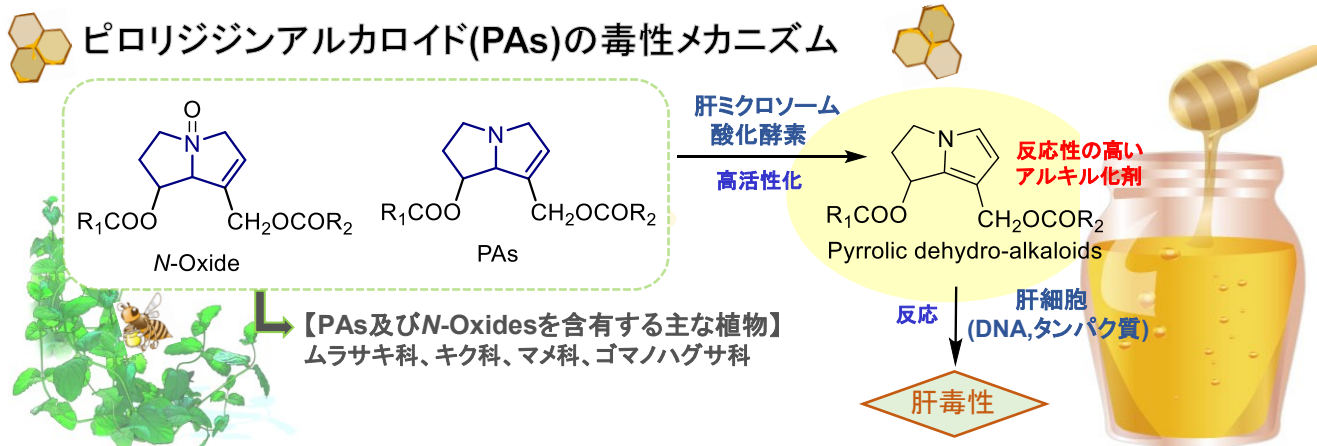


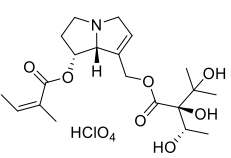
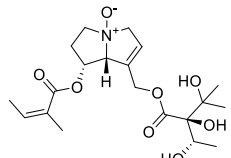
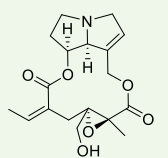
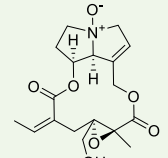
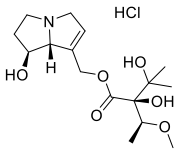
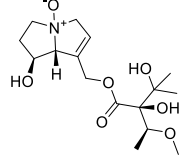
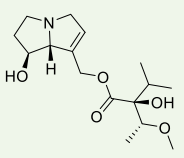
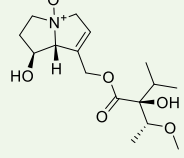
# ピロリジンアルカロイド(PAs)分析用標準品

ピロリジンアルカロイド(PAs)は、植物が自然に生成する毒素です。PAsを含有する植物由来の蜂蜜や薬用・食用として使用されるハーブやお茶などに含まれる可能性があります。EUではComission Regulation(EU)2020/2040で、食品に含まれる21種類のPAsと関連する14種類のPAsを規制しており、**2024年1月には規制が猶予されていた食品も規制対象となります。**この度、弊社が取り扱っておりますPhytoLab社(独)はこれら規制対象のPAsを網羅して分析標準品を発売しております。

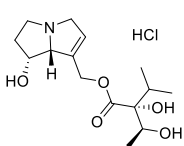
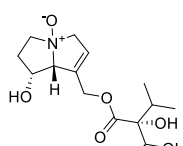
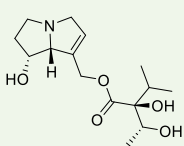
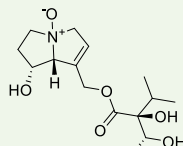
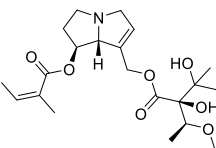
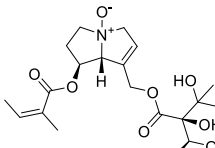
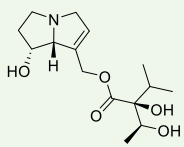
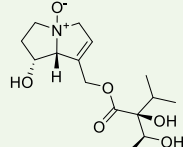
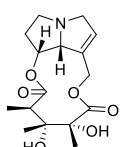
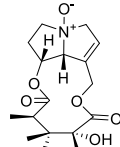
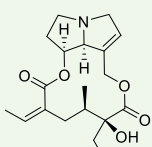
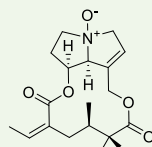
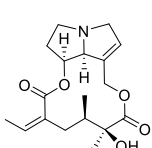
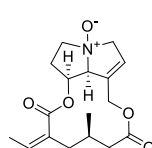
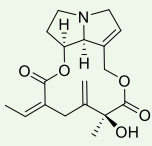
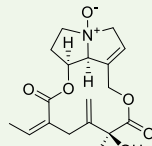
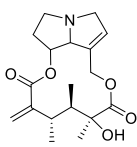
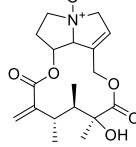


※ ECはEC2020/2040で規制対象のPAs, Coは同時に共溶出化合物として算入しなければいけないPAsです。

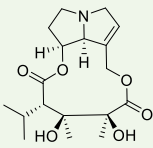
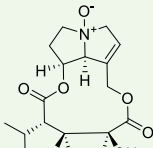
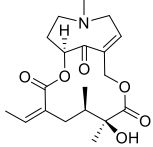
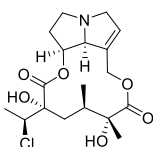
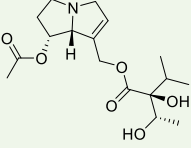
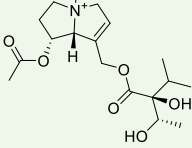
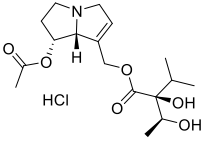
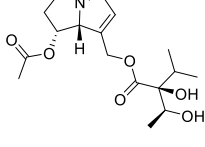
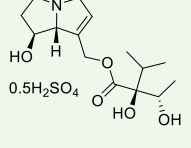
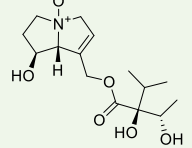
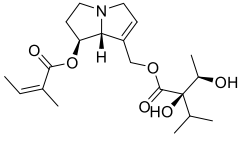
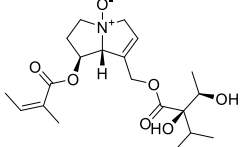
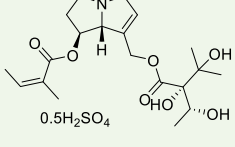
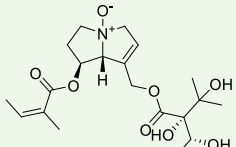
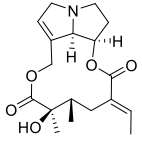
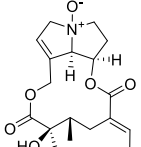
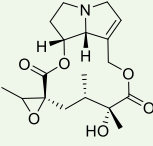
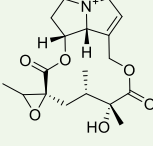
## 製品リスト

<p>Echimidine perchlorate <b>EC</b></p> <p>Cat. No.: <a href="#">49878-62</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 520-68-3</p> 	<p>Echimidine N-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49871-11</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 41093-89-4</p> 
<p>Erucifoline</p> <p>Cat. No.: <a href="#">49871-12</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 40158-95-0</p> 	<p>Erucifoline N-oxide</p> <p>Cat. No.: <a href="#">49871-13</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 123864-94-8</p> 
<p>Europine hydrochloride <b>EC</b></p> <p>Cat. No.: <a href="#">49869-33</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 570-19-4</p> 	<p>Europine N-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49869-34</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 65582-53-8</p> 
<p>Heliotrine <b>EC</b></p> <p>Cat. No.: <a href="#">49064-21</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 303-33-3</p> 	<p>Heliotrine N-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49869-45</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 6209-65-0</p> 

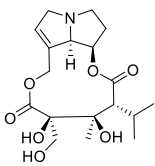
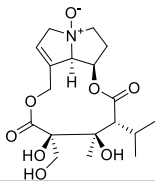
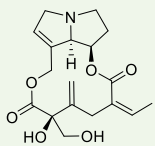
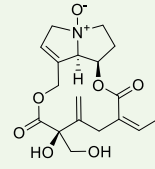
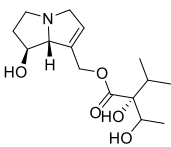
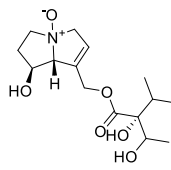
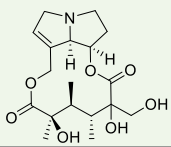
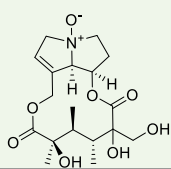
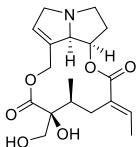
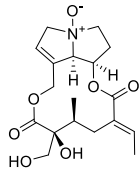
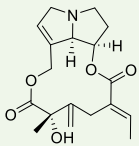
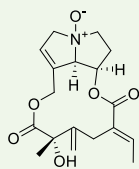
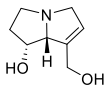
製品リスト

<p>Indicine hydrochloride <b>Co</b></p> <p>Cat. No.: <a href="#">49869-54</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 1195140-94-3</p> 	<p>Indicine <i>N</i>-oxide <b>Co</b></p> <p>Cat. No.: <a href="#">49869-55</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 41708-76-3</p> 
<p>Intermedine <b>EC</b></p> <p>Cat. No.: <a href="#">49064-58</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 10285-06-0</p> 	<p>Intermedine <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49871-14</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 95462-14-9</p> 
<p>Lasiocarpine <b>EC</b></p> <p>Cat. No.: <a href="#">49869-65</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 303-34-4</p> 	<p>Lasiocarpine <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49869-66</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 127-30-0</p> 
<p>Lycopsamine <b>EC</b></p> <p>Cat. No.: <a href="#">49065-27</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 10285-07-1</p> 	<p>Lycopsamine <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49871-15</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 95462-15-0</p> 
<p>Monocrotaline</p> <p>Cat. No.: <a href="#">49871-16</a></p> <p>Volume : 20 mg</p> <p>CAS No.: 315-22-0</p> 	<p>Monocrotaline <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49065-69</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 35337-98-5</p> 
<p>Retrorsine <b>EC</b></p> <p>Cat. No.: <a href="#">49871-17</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 480-54-6</p> 	<p>Retrorsine <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49067-21</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 15503-86-3</p> 
<p>Senecionine <b>EC</b></p> <p>Cat. No.: <a href="#">49871-18</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 130-01-8</p> 	<p>Senecionine <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49067-64</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 13268-67-2</p> 
<p>Seneciphylline <b>EC</b></p> <p>Cat. No.: <a href="#">49871-19</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 480-81-9</p> 	<p>Seneciphylline <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49067-65</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 38710-26-8</p> 
<p>Senecivernine <b>EC</b></p> <p>Cat. No.: <a href="#">49871-20</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 72755-25-0</p> 	<p>Senecivernine <i>N</i>-oxide <b>EC</b></p> <p>Cat. No.: <a href="#">49871-21</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 101687-28-9</p> 

製品リスト

<p>Trichodesmine</p> <p>Cat. No.: <a href="#">49871-23</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 548-90-3</p> 	<p>Trichodesmine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49877-78</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 55727-46-3</p> 
<p>Senkirkin <b>EC</b></p> <p>Cat. No.: <a href="#">49871-22</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 2318-18-5</p> 	<p>Jaconine</p> <p>Cat. No.: <a href="#">49873-68</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 480-75-1</p> 
<p>7-Acetylintermedine</p> <p>Cat. No.: <a href="#">49871-43</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 74243-01-9</p> 	<p>7-Acetylintermedine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49871-44</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 685132-59-6</p> 
<p>7-Acetyllycopsamine hydrochloride</p> <p>Cat. No.: <a href="#">49871-45</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 73544-48-6</p> 	<p>7-Acetyllycopsamine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49871-46</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 685132-58-5</p> 
<p>Echinatine sulfate <b>Co</b></p> <p>Cat. No.: <a href="#">49871-34</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 480-83-1</p> 	<p>Echinatine <i>N</i>-oxide <b>Co</b></p> <p>Cat. No.: <a href="#">49871-33</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 20267-93-0</p> 
<p>Echiumine</p> <p>Cat. No.: <a href="#">49872-76</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 633-16-9</p> 	<p>Echiumine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49872-77</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 685554-68-1</p> 
<p>Heliosupine sulfate <b>Co</b></p> <p>Cat. No.: <a href="#">49878-63</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 32728-78-2</p> 	<p>Heliosupine <i>N</i>-oxide <b>Co</b></p> <p>Cat. No.: <a href="#">49871-38</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 31701-88-9</p> 
<p>Integerrimine <b>Co</b></p> <p>Cat. No.: <a href="#">49871-35</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 480-79-5</p> 	<p>Integerrimine <i>N</i>-oxide <b>Co</b></p> <p>Cat. No.: <a href="#">49871-36</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 85955-28-8</p> 
<p>Jacobine</p> <p>Cat. No.: <a href="#">49871-24</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 6870-67-3</p> 	<p>Jacobine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49871-25</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 38710-25-7</p> 

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<p>Junceine</p> <p>Cat. No.: <a href="#">49873-70</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 480-53-5</p> 	<p>Junceine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49873-71</a></p> <p>Volume : 5 mg</p> <p>CAS No.: -</p> 
<p>Riddelliine</p> <p>Cat. No.: <a href="#">49877-16</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 23246-96-0</p> 	<p>Riddelliine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49877-17</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 75056-11-0</p> 
<p>Rinderine <b>Co</b></p> <p>Cat. No.: <a href="#">49871-30</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 6029-84-1</p> 	<p>Rinderine <i>N</i>-oxide <b>Co</b></p> <p>Cat. No.: <a href="#">49871-31</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 137821-16-0</p> 
<p>Sceleratine</p> <p>Cat. No.: <a href="#">49877-27</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 6190-25-6</p> 	<p>Sceleratine <i>N</i>-oxide</p> <p>Cat. No.: <a href="#">49877-28</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 103184-92-5</p> 
<p>Usaramine <b>Co</b></p> <p>Cat. No.: <a href="#">49871-39</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 15503-87-4</p> 	<p>Usaramine <i>N</i>-oxide <b>Co</b></p> <p>Cat. No.: <a href="#">49871-40</a></p> <p>Volume : 10 mg</p> <p>CAS No.: 117020-54-9</p> 
<p>Spartioidine <b>Co</b> <b>NEW</b></p> <p>Cat. No.: <a href="#">49878-65</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 121123-61-3</p> 	<p>Spartidine <i>N</i>-oxide <b>Co</b> <b>NEW</b></p> <p>Cat. No.: <a href="#">49878-66</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 520-59-2</p> 
<p>Retronecine</p> <p>Cat. No.: <a href="#">49877-10</a></p> <p>Volume : 5 mg</p> <p>CAS No.: 480-85-3</p> 	

■ 製品にはDATA SHEET(仕様:構造式、保管条件、クロマトグラム、分析条件etc...)、Certificate of Analysis (仕様:純度等分析項目、保証期間) を添付しております。

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