

# Phytochemical Reference Repository

Datasheet for Standard					
<b>1. ID Code</b>	AP-001	<b>2. Name</b>	Andrographolide	<b>3. Molecular weight</b>	350.45
<b>4. Mol. formula</b>	C <sub>20</sub> H <sub>30</sub> O <sub>5</sub>	<b>5. Physical state</b>	Solid crystalline	<b>6. Colour</b>	Off white
<b>7. Taste</b>	Bitter	<b>8. Melting point</b>	229-232 °C	<b>9. Boiling point</b>	NA
<b>10. Solubility</b>	Chloroform	<b>11. Specific rotation</b>	NA	<b>12. Refractive index</b>	
<b>13. UV-VIS (Abs, in nm)</b>	229 nm			<b>14. Purity (%)</b>	98%
<b>15. Storage condition, if any</b>	Room temperature, in dry condition				
<b>16. Source</b>	Isolated from herbage of <i>Andrographis paniculata</i> .				
<b>17. Price</b>	On request				

# Phytochemical Reference Repository

Datasheet for Reference Standard					
<b>1. ID Code</b>	EA-001	<b>2. Name</b>	Wedelolactone	<b>3. Molecular weight</b>	314.00
<b>4. Mol. formula</b>	C <sub>16</sub> H <sub>10</sub> O <sub>7</sub>	<b>5. Physical state</b>	Solid	<b>6. Colour</b>	Black
<b>7. Taste</b>	NA	<b>8. Melting point</b>	NA	<b>9. Boiling point</b>	-
<b>10. Solubility</b>	Methanol	<b>11. Specific rotation</b>	NA	<b>12. Refractive index</b>	NA
<b>13. UV-VIS (Abs, in nm)</b>	206,343 nm			<b>14. Purity (%)</b>	98%
<b>15. Storage condition, if any</b>	Room temperature, in dry condition				
<b>16. Source</b>	Isolated from <i>Eclipta alba</i> .				
<b>17. Price</b>	On request				

# Phytochemical Reference Repository

Datasheet for Submission of Botanical Reference Standard (BRS)					
<b>1. ID Code</b>	ES-001	<b>2. Name</b>	Swertiamarin	<b>3. Molecular weight</b>	374.0
<b>4. Mol. formula</b>	C <sub>16</sub> H <sub>22</sub> O <sub>10</sub>	<b>5. Physical state</b>	Solid	<b>6. Colour</b>	White but color changes during storage to yellowish-brown
<b>7. Taste</b>	Bitter	<b>8. Melting point</b>	108-110 <sup>0</sup> C	<b>9. Boiling point</b>	-
<b>10. Solubility</b>	Water, methanol	<b>11. Specific rotation</b>	-13.75(C-0.012, MeOH)	<b>12. Refractive index</b>	-
<b>13. UV-VIS (Abs, in nm)</b>	232, 196 and 193			<b>14. Purity (%)</b>	95.0%
<b>15. Storage condition, if any</b>	Room temperature in dry condition				
<b>16. Source</b>	<i>Enicostemma axillare</i>				
<b>19. Price</b>	On request				