

**SHB 1668 - H AMD 1070**

By Representative MacEwen

1 On page 1, beginning on line 10, after "that" strike "may be  
2 impairing" and insert "are class A cannabinoids"

3 On page 1, line 16, after "for any" strike "impairing  
4 cannabinoid" and insert "class A cannabinoid"

5 On page 2, beginning on line 2, after "regulate all" strike  
6 "cannabinoids that may be impairing" and insert "class A  
7 cannabinoids"

8 On page 3, at the beginning of line 20, strike "cannabinoid that  
9 may be impairing" and insert "class A cannabinoid"

10 On page 3, line 21, after "(i)" insert "" "Class A cannabinoid"  
11 means a substance that meets the following structural and functional  
12 criteria:

13 (1) The substance exhibits the structural backbone of  
14 tetrahydrocannabinols and tetrahydrocannabinol-like (THC-like)  
15 molecules that include the interconnected three-ring system of a:  
16 Six-carbon aromatic ring; pyran ring; and cyclohexene/cyclohexane  
17 ring. Known compounds that fit the description in this subsection  
18 (i)(1) include:

- 19 (i) Tetrahydrocannabinols - a single double-bond in the C ring:  
20 (A) Delta-10-THC and isomers;  
21 (B) Delta-9-THC and isomers;  
22 (C) Delta-8-THC and isomers;  
23 (D) Delta-7-THC and isomers;  
24 (E) Delta-6a-THC and isomers; and  
25 (F) Delta-10a-THC and isomers;  
26 (ii) Hexahydrocannabinol - no double bonds in the C ring;  
27 (iii) Carboxylates (C-2 and C-4) of tetrahydrocannabinols or  
28 hexahydrocannabinol:  
29 (A) Delta-9-THC acid (Delta-9-THCA);

1 (B) Similar carboxylates of Delta-9-THCA for  
2 tetrahydrocannabinols in (1)(i)(A) through (F) of this subsection  
3 (i); and

4 (C) Carboxylate esters in (1)(i)(A) through (F) of this  
5 subsection (i);

6 (iv) Alkyl analogues (C-3) of tetrahydrocannabinols or  
7 hexahydrocannabinol:

8 (A) Delta-9-THCP (Delta-9-tetrahydrocannabiphorol) and n-alkyl  
9 analogues;

10 (B) Similar alkylated analogues of Delta-9-THC for  
11 tetrahydrocannabinols in (1)(i)(A) through (F) of this subsection  
12 (i); and

13 (v) Hydroxylated analogues of tetrahydrocannabinols or  
14 hexahydrocannabinol:

15 (A) 11-hydroxy-delta-9-THC and 8- and 10-hydroxy analogues; and

16 (B) Similar hydroxylated analogues of Delta-9-THC for  
17 tetrahydrocannabinols in (1)(i)(A) through (F) of this subsection  
18 (i);

19 (2) Possesses significant CB1 agonist activity as demonstrable by  
20 binding affinity (Ki) to the CB1 receptors at less than 200 nM; and

21 (3) Results in positive effects for all four components of the  
22 tetrad test in rodents or reliably causes functional impairment in  
23 humans as assayed by a method possessing scientific consensus.

24 (j) "Class B cannabinoid" means all cannabinoids that do not meet  
25 the form and function of class A cannabinoids.

26 (k) "

27 Reletter the remaining subsections consecutively and correct any  
28 internal references accordingly.

29 On page 7, at the beginning of line 28, strike "cannabinoid that  
30 may be impairing" and insert "class A cannabinoid"

31 On page 11, beginning on line 27, after "of a" strike  
32 "cannabinoid that may be impairing" and insert "class A cannabinoid"

33 On page 11, beginning on line 32, after "marketed as" strike  
34 "having impairing effects" and insert "a class A cannabinoid"

35 On page 12, line 6, after "containing" strike "cannabinoids that  
36 may be impairing" and insert "class A cannabinoids"

1 On page 12, at the beginning of line 11, strike "cannabinoid that  
2 may be impairing" and insert "class A cannabinoid"

3 On page 13, at the beginning of line 16, strike "cannabinoid that  
4 may be impairing" and insert "class A cannabinoid"

5 On page 13, line 37, after "of a" strike "cannabinoid that may be  
6 impairing" and insert "class A cannabinoid"

7 On page 15, beginning on line 19, after "other" strike  
8 "nonimpairing cannabinoids" and insert "class B cannabinoids"

9 On page 15, line 20, after "cannabinoids, or" strike  
10 "nonimpairing" and insert "class B cannabinoid"

11 On page 15, at the beginning of line 22, strike "nonimpairing  
12 cannabinoid" and insert "class B cannabinoid"

13 On page 15, line 30, after "~~((cannabidiol))~~" strike "nonimpairing  
14 cannabinoid" and insert "class B cannabinoid"

15 On page 15, line 33, after "or other" strike "nonimpairing  
16 cannabinoid" and insert "class B cannabinoid"

17 On page 15, line 35, after "other" strike "nonimpairing  
18 cannabinoid" and insert "class B cannabinoid"

19 On page 15, at the beginning of line 38, strike "cannabinoid that  
20 may be impairing" and insert "class A cannabinoid"

21 On page 16, line 11, after "substance that" strike "may be  
22 impairing" and insert "is a class A cannabinoid"

23 On page 16, line 17, after "or other" strike "nonimpairing  
24 cannabinoid" and insert "class B cannabinoid"

25 On page 16, line 28, after "other" strike "nonimpairing  
26 cannabinoid" and insert "class B cannabinoid"

27 On page 20, at the beginning of line 1, strike "cannabinoids that  
28 may be impairing" and insert "class A cannabinoids"

**EFFECT:** Adds a definition of the terms "class A cannabinoid" and "class B cannabinoid." Defines "class A cannabinoid" as a substance that meets specific structural and functional criteria. Defines  
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"class B cannabinoid" as all cannabinoids that do not meet the form and function of class A cannabinoids. Changes references in the bill from "cannabinoid that may be impairing" to "class A cannabinoid" and "nonimpairing cannabinoid" to "class B cannabinoid."

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