

Test Report

Report No.: VSBX-CON-18

Date: May.30, 2014

Applicant: VMR PRODUCTS LLC DBA "V2 CIGS"

Applicant Add: 3050 BISCAYNE BLVD., 8TH FLOOR, MIAMI, FL.33137

Report on the sample(s) said to be:

Sample Name: Congress

Strength: 18mg

State: Yellow transparent liquid

Style/Batch No.: VSBX-CON-18

Flavor Code: V2XH02

Sampling Date: May.16, 2014

Testing Period: May.16, 2014 to May.30, 2014

Tests Conducted: As requested by the applicant, for details refer to attached page(s)

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Conclusion:

Test Item	Test Request	Conclusion
Propylene glycol	JY/T 003-1996	66.6%, w/w (Detailed report below)
Nicotine	JY/T 003-1996	1.77%, w/w (Detailed report below)
Diethylene glycol	JY/T 003-1996	N.D. (Detailed report below)
Nitrosamines	JY/T 003-1996	N.D. (Detailed report below)
Phthalates (18 Items)	GB/T 21911-2008	N.D. (Detailed report below)
Total lead	U.S. Consumer Product Safety Improvement Act 2008 Title I , Section 101	N.D. (Detailed report below)
Soluble heavy elements	U.S. ASTM F963-11	N.D. (Detailed report below)
Ni, Mg, Al	U.S. ASTM F963-11	N.D. (Detailed report below)

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Test Result

1. Propylene glycol

Test Item	Test Result	MDL	Unit
Propylene glycol	66.6	0.1	%, w/w

2. Nicotine

Test Item	Test Result	MDL	Unit
Nicotine	1.77	0.0001	%, w/w

3. Diethylene glycol

Test Item	Test Result	MDL	Unit
Diethylene glycol	N.D.	0.001	%, w/w

4. Nitrosamines

Test Item	Test Result	MDL	Unit
Nitrosamines	N.D.	1.0	mg/kg

5. Phthalates (18 Items)

No.	Test Item	Test Result (mg/kg)	MDL (mg/kg)
1	Dimethyl phthalate (DMP)	N.D	1.00
2	Diethyl phthalate (DEP)	N.D	1.00
3	Diisobutyl phthalate (DIBP)	N.D	1.00
4	Dibutyl phthalate (DBP)	N.D	1.00
5	Bis(2-methoxyethyl) phthalate (DMEP)	N.D	1.00
6	Bis(4-methyl-2-pentyl) phthalate (BMPP)	N.D	1.00
7	Bis(2-ethoxyethyl) phthalate (DEEP)	N.D	1.00
8	Dipentyl phthalate (DPP)	N.D	1.00
9	Dihexyl phthalate (DHXP)	N.D	1.00

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No.	Test Item	Test Result (mg/kg)	MDL (mg/kg)
10	Benzyl butyl phthalate (BBP)	N.D	1.00
11	Bis(2-n-butoxyethyl) phthalate (DBEP)	N.D	1.00
12	Di-cyclohexyl phthalate (DCHP)	N.D	1.00
13	Di-(2-ethylhexyl) phthalate (DEHP)	N.D	1.00
14	Di-n-octyl phthalate (DNOP)	N.D	1.00
15	Dinonyl phthalate (DNP)	N.D	1.00
16	Diisononyl phthalate (DINP)	N.D	1.00
17	Di-isodecyl phthalate (DIDP)	N.D	1.00
18	Diphenyl phthalate (DPhP)	N.D	1.00

6. Total lead (CPSIA 2008 Sec.101)

Test Item	Test Result (ppm)	MDL (ppm)	Enforced limit ^{#1} (for coating, ppm)
Total lead (Pb)	N.D.	10	90

7. Soluble heavy elements (ASTM F963-11)

Test Item	Test Result (ppm)	MDL (ppm)	Enforced limit ^{#2} (ppm)
Soluble lead (Pb)	N.D.	5	90
Soluble antimony (Sb)	N.D.	5	60
Soluble arsenic (As)	N.D.	2.5	25
Soluble barium (Ba)	N.D.	5	1000
Soluble cadmium (Cd)	N.D.	5	75
Soluble chromium (Cr)	N.D.	2.5	60
Soluble mercury (Hg)	N.D.	2.5	60
Soluble selenium (Se)	N.D.	5	500

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8. Ni, Mg, Al

Test Item	Test Result (ppm)	MDL (ppm)	Enforced limit ^{#3} (ppm)
Soluble nickel (Ni)	N.D.	2	2
Soluble magnesium (Mg)	N.D.	5	10
Soluble aluminum (Al)	N.D.	5	100

Tested by: Helen Yang

Checked by: Junky Xu

Remark:

- (1) mg/kg = milligram per kilogram
- (2) N.D. = not detected, less than MDL
- (3) MDL = method detection limit
- (4) ppm = parts per million
- (5) %, w/w = percentage of weight by weight
- (6) #1 = The limit is quoted from 'U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101'
- (7) #2 = The limit is quoted from 'ASTM F963-11 Section 4.3.5.1'
- (8) #3 = The limit is quoted from Applicant's Requirement

Tested Method

Test Item	Test Method	Test Instrument
Propylene glycol	With reference to JY/T 003-1996	GC-MS
Nicotine	With reference to JY/T 003-1996	GC-MS
Diethylene glycol	With reference to JY/T 003-1996	GC-MS
Nitrosamines	With reference to JY/T 003-1996	GC-MS
Phthalates (18 Items)	With reference to GB/T 21911-2008	GC-MS
Total lead	With reference to CPSC-CH-E1003-09.1	ICP-OES
Soluble heavy elements	With reference to US ASTM F963-11	ICP-OES
Ni, Mg, Al	With reference to US ASTM F963-11	ICP-OES

(End of report)

Attention is draw to the terms and conditions printed overleaf