

Report No.: VSBK-CON-12

Date: Sep.26, 2013

Applicant Name: VMR PRODUCTS LLC DBA "V2 CIGS"

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

Report on the submitted sample (s) said to be:

Sample Name: Congress

Strength: 12mg

State: Yellow transparent liquid

Style/Batch No.: VSBK-CON-12

Flavor Code: V2XH02

Sample Receiving Date: Sep.22, 2013

Testing Period: Sep.22, 2013 to Sep.26, 2013

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Tests Conducted: As requested by the applicant, for details refer to attached page(s)  
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Skyte Testing Services Shenzhen Co., Ltd.

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Conclusion:

Test Item	Test Request	Conclusion
Propylene glycol	JY/T 021-1996	72.4 %, w/w (Detailed report below)
Nicotine	JY/T 021-1996	1.20 %, 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)
Heavy elements	U.S. ASTM F963-11	N.D. (Detailed report below)

## Test Result

### 1. Propylene glycol

Test Item	Test Result	MDL	Unit
Propylene glycol	72.4	0.1	%, w/w

### 2. Nicotine

Test Item	Test Result	MDL	Unit
Nicotine	1.20	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
10	Benzyl butyl phthalate (BBP)	N.D.	1.00

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No.	Test Item	Test Result (mg/kg)	MDL (mg/kg)
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-iso-octyl-phthalate (DIOP)	N.D.	1.00
18	Diphenyl phthalate	N.D.	1.00

## 6. Total lead (CPSIA 2008 Sec. 101)

Test Item	Test Result (ppm)	MDL (ppm)	Enforced limit <sup>#1</sup> (for coating, ppm)
Total lead (Pb)	N.D.	10	90

## 7. Heavy elements (ASTM F963-11)

Test Item	Test Result (ppm)	MDL (ppm)	Enforced Limit <sup>#2</sup> (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
Soluble nickel (Ni)	N.D.	5	—
Soluble magnesium (Mg)	N.D.	5	—
Soluble aluminum (Al)	N.D.	5	—

Tested by: Xixiaoyu, Huangxiangwei

Checked by: Dengpeng, Jiangnengqiang

**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) — = not regulated

**Test Method**

Test Item	Test Method	Test Instrument
Propylene glycol	With reference to JY/T 021-1996	GC-FID
Nicotine	With reference to JY/T 021-1996	GC-FID
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
Heavy elements	With reference to US ASTM F963-11	ICP-OES

(End of report)