



Report of Analysis

Address: 2107 Black Creek Road Wilson, NC 27893

Country: USA

Phone: 252-234-4950

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Report Date: November 4, 2016

Customer : Shenzen Smoore Technology Co. Ltd
2 Floor, Building 8, Dongcai Industrial Park
Gushu Town, Baoan, Shenzhen, China 518102

Requestor: Eve Wang/Peter Beckett

Received Date: October 25, 2016

Test Date: October 20, 2016 – October 31, 2016

Methods Used

LP-717 : Determination of Nicotine, Menthol, Propylene Glycol, Glycerol, Water, and of Diethylene Glycol and Ethylene Glycol Impurities in E-Cigarette Formulations and Smoke/Vapor Samples

Method Synopsis

Diethylene glycol and ethylene glycol were determined by aerosol generated by e-cigarette device. Smoking regime used: 55mL puff, 2 sec duration, and 30 sec interval. Aerosol was collected (a total of 50 inhalations) onto a Cambridge filter pad and extracted with 2-isopropanol containing internal standard. Sample analyzed on GC-FID/TCD.

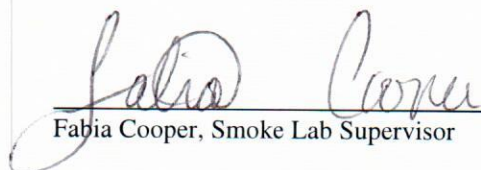
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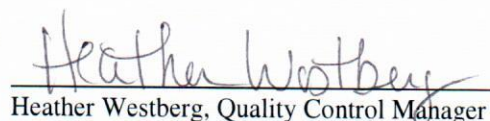
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All analytical methods are performed under controlled conditions to consistently produce accurate and reliable results to the best of our ability.
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Vape E-liquid Basic Constituents Results

GLS#	Sample ID	Ethylene Glycol mg/inhalation	Diethylene Glycol mg/inhalation
16625-16	ESTOC tank fitted with Ceramic SS316 0.6ohm 40W	BQL	BQL
16626-16	Doubloon tank fitted with Traditional Cotton Clapton 0.5ohm 35W	BQL	BQL
16627-16	Drizzle Kit fitted with Ceramic SS316 1.3ohm 13W	BQL	BQL
16628-16	Drizzle Kit fitted with Traditional Cotton Clapton 1.4ohm 13W	BQL	BQL
	LOQ	0.002	0.002

BQL-Below Quantitation Limit, LOQ-Limit of Quantitation


Fabia Cooper, Smoke Lab Supervisor


Heather Westberg, Quality Control Manager

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Report of Analysis

Address: 2107 Black Creek Road Wilson, NC 27893

Country: USA

Phone: 252-234-4950

Fax: 252-234-4959

Report Date: November 2, 2016

Customer : Shenzen Smoore Technology Co. Ltd
2 Floor, Building 8, Dongcai Industrial Park
Gushu Town, Baoan, Shenzhen, China 518102

Requestor: Eve Wang/Peter Beckett

Received Date: October 25, 2016

Test Date: October 20, 2016 – October 31, 2016

Methods Used

LP-731 : Procedure for the Collection of Vapor Generated from Electronic Nicotine Delivery Systems (ENDS) for Metal Analysis

Method Synopsis

Aluminum, chromium, iron, nickel, and tin were determined by aerosol generated by e-cigarette device. Smoking regime used: 55mL puff, 2 sec duration, and 30 sec interval. Aerosol was collected (a total of 50 inhalations) onto a fluoropore membrane filter with dual impingers setup containing 10% nitric acid trapping solution. Sample analyzed on ICP-MS.


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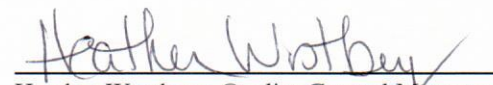
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Vape Metals Results

GLS#	Sample ID	Aluminum ng/inhalation	Chromium ng/inhalation	Iron ng/inhalation	Nickel ng/inhalation	Tin ng/inhalation
16625-16	ESTOC tank fitted with Ceramic SS316 0.6ohm 40W	7.55	27.3	5.69	2.59	BQL
16626-16	Doubloon tank fitted with Traditional Cotton Clapton 0.5ohm 35W	3.32	33.8	10.6	2.25	BQL
16627-16	Drizzle Kit fitted with Ceramic SS316 1.3ohm 13W	1.62	11.2	BQL	3.48	BQL
16628-16	Drizzle Kit fitted with Traditional Cotton Clapton 1.4ohm 13W	BQL	31.9	BQL	3.82	BQL
	LOQ	1.00	0.10	1.00	0.20	0.40

BQL-Below Quantitation Limit, LOQ-Limit of Quantitation


Fabia Cooper, Smoke Lab Supervisor


Heather Westberg, Quality Control Manager

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