

Company	NicVape Inc.		
Analyst	KEH	# Samples	1
Parameters	GC Analysis	Sample(s) Received	03/04/2014
Job #	0314-27		

Enthalpy Code	Client's Sample ID	Batch/Lot/Notes	Nicotine (mg/mL)
0314-27-07	1402029N-100PG		99.4

Summary of Method:

A measured volume of each sample is transferred to a 15-mL conical tube. The samples are then diluted with 2-propanol and a known amount of n-heptadecane is added to each sample. N-heptadecane serves as an internal standard and improves the accuracy and precision of the method. N-heptadecane is not present in native e-liquids. An aliquot of the diluted sample is then removed for analysis by gas chromatography with flame ionization detection (GC-FID). Samples are quantitated against a calibration curve containing known amounts of nicotine and n-heptadecane. Note that other peaks may be seen in the chromatograms including propylene glycol, glycerin, and various flavor compounds, if present.

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized.

This analytical report was prepared in Portable Document Format (.PDF) and contains 2 pages.

Report Issued: 03/13/2014



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Sample Report



Data file: C:\CHEM32\1\DATA\R030514A\019B2101.D

Sample name: 0314-27-07

Description:

Instrument: Ricky

Sequence_Name R030514A

Injection date: 3/5/2014 10:04:37 PM

Location: Vial 19

Injection: 1 of 1

Acq. method:

Analysis method: R030514.M

Injection_Volume 1

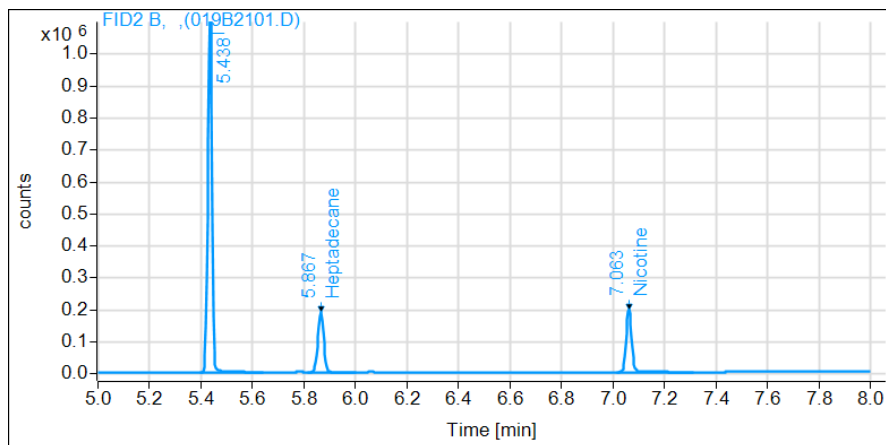
Last changed: 3/10/2014 11:49:47 AM

Acq. operator: Kathy Humphries

Sample_Multipliers 1

Sample_DilutionFactors 200

N-heptadecane added during analysis, used for quantitation only



Signal: FID2 B,

RT [min] Type

Area Amount Name
(mg/ml)

7.063	BB	292923.81	99.38	Nicotine	per ml of liquid
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