

# Pink Spot Vapors

6485 N Decatur Blvd #180

Las Vegas, NV 89131

Carbonyl Assay  
Samples Received 7/20/15

Product Name  
*Caramel Apple*

Analysis Report  
(0715-571)

GC/MS Analysis For:  
Diacetyl  
2,3-Pentanedione (aka: Acetyl propionyl)



**Enthalpy Analytical, Inc.**

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800-1 Capitola Drive Durham, NC 27713-4385



Company:	Pink Spot Vapors
Sample Condition:	Samples received in good condition.
Notes:	Chain of custody verified.

Method / SOP	Analyte(s)
ENT225	Diacetyl
	2,3-Pentanedione (aka: Acetyl propionyl)

**Summary of Method:**

A measured volume of sample is combined with a volume of acetonitrile. A known amount of internal standard (Butanedione-d6) is added and the vial is capped and mixed thoroughly to combine. An aliquot is then analyzed quantitatively against a linear calibration curve using a GC/MS equipped with a mass selective detector. In this analysis, the limit of detection is 1.13 ug/mL for 'Diacetyl' and 1.07 ug/mL for '2,3-Pentanedione'.

Company	Pink Spot Vapors	Cert Report #	0815-525R
Analyst	JM	# Samples	1
Instrument Type	GC/MS	Date Received	7/20/15
Project Code	0715-571	Client Project	na

Enthalpy Code	Sample Name	Brand	Diacetyl (ug/mL)	2,3-Pentanedione (ug/mL)
0715-571-11	Caramel Apple	Pink Spot Vapors	2.50 J	2.61 J

**QC Notes:**

J: Results are below the Lower Curve Limit, above the MDL, and are considered estimates.

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: 10/14/2015



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