

# Pink Spot Vapors

6485 N Decatur Blvd #180

Las Vegas, NV 89131

Carbonyl Assay  
Samples Received 3/28/16

Product Name  
*Pineapple Whip*

Analysis Report  
(0316-572)

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



**Enthalpy Analytical, Inc.**

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / [www.enthalpy.com](http://www.enthalpy.com)

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 <i>(aka: Acetyl propionyl)</i>

**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 MDL is 1.13 ug/mL for 'Diacetyl' and 1.07 ug/mL for '2,3-Pentanedione'. In this analysis, the LOQ is 11.3 ug/mL for 'Diacetyl' and 10.7 ug/mL for '2,3-Pentanedione'.

Company	Pink Spot Vapors	Cert Report #	0416-517
Analyst	WP	# Samples	1
Instrument Type	GC/MS	Date Received	3/28/16
Project Code	0316-572	Client Project:	na

Enthalpy Code	Sample Name	Brand	Diacetyl (ug/mL)	2,3-Pentanedione (ug/mL)
0316-572-02	Pineapple Whip	Pink Spot Vapors	< LOQ	Not Detected

**QC Notes:**

< LOQ: Results are below the Limit of Quantitation (LOQ).

Not Detected: Results are below the Minimum Detection Limit (MDL).

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.

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