

Pink Spot Vapors

6485 N Decatur Blvd #180

Las Vegas, NV 89131

Carbonyl Assay
Samples Received 7/20/15

Product Name
Grape Bubble Gum

Analysis Report
(0715-571)

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

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) |
|---------------|------------------|------------------|------------------|--------------------------|
| 0715-571-19 | Grape Bubble Gum | Pink Spot Vapors | Not Detected | Not Detected |

QC Notes:

None.

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



Enthalpy Analytical, Inc.

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive Durham, NC 27713-4385