

# Pink Spot Vapors

6485 N Decatur Blvd #180

Las Vegas, NV 89131

## Carbonyl Assay

Samples Received 5/22/2015

### Product Name

*Blu Raz Confection*

### Analysis Report

(0515-549)

### GC/MS Analysis For:

Diacetyl

2,3-Pentanedione (aka: Acetyl propionyl)



### Enthalpy Analytical, Inc.

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|                   |                                     |
|-------------------|-------------------------------------|
| 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<br><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 limit of detection is 1.14 ug/mL for 'Diacetyl' and 1.17 ug/mL for '2,3-Pentanedione'.

|                 |                  |                 |           |
|-----------------|------------------|-----------------|-----------|
| Company         | Pink Spot Vapors | Cert Report #   | 0615-513  |
| Analyst         | LAH              | # Samples       | 1         |
| Instrument Type | GC/MS            | Date Received   | 5/22/2015 |
| Project Code    | 0515-549         | Client Project: | NA        |

| Enthalpy Code | Sample Name        | Brand            | Diacetyl (ug/mL) | 2,3-Pentanedione (ug/mL) |
|---------------|--------------------|------------------|------------------|--------------------------|
| 0515-549-08   | Blu Raz Confection | 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: 2/16/2016



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