

# SBC Global Industries, LLC

231 Chambers Bridge Road  
Brick, NJ 08723

Carbonyl Assay  
Samples Received 9/28/15

Product Name  
*Aces and Eights*

Analysis Report  
(0915-583)

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:	SBC Global Industries, LLC
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 1.22 ug/mL for '2,3-Pentanedione'.

Company	SBC Global Industries, LLC	Cert Report #	1015-562
Analyst	JM	# Samples	1
Instrument Type	GC/MS	Sample(s) Received	9/28/15
Project Code	0915-583	Client Project:	9232015

Enthalpy Code	Sample Name	Brand	Diacetyl (ug/mL)	2,3-Pentanedione (ug/mL)
0915-583-06	Aces and Eights	The Fog Mafia	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. If you have trouble viewing this document's electronic signature, please open in Adobe Acrobat.

Report Issued: 10/21/2015



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