


**Certificate of Analysis**  
*For Information only*

- ◆ REPORT DATE 3-1-16
- ◆ CEUTICAL LABS PROJECT # 36652BD916
- ◆ ANALYST NAME A. Younger / R. Robles / X. Fei
- ◆ ANALYSIS REQUESTED Acetoin, Butanedione, Pentanedione
- ◆ METHODS LTM-226-A
- ◆ SAMPLE TYPE Finished Product

◆ SAMPLE IDENTIFICATION AND RESULTS

SAMPLE IDENTIFICATION	CL LAB ID	ACETOIN	BUTANEDIONE
One Hit Wonder - Muffin Man, Lot # N/A	BD916	317ppm	23ppm

CL LAB ID	PENTANEDIONE
BD916	47ppm

  
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 Technical Review 3-1-16  
 Date

  
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 Quality Review 3-1-16  
 Date

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The results stated above are provided with the most accurate method available. However, the test method has not been validated to current USP and ICH guidelines for this product. Method validations are the responsibility of the manufacturer for each product.