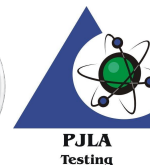




**Mission Mountain Laboratories. Inc.**

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Ravalli, MT 59863  
Phone: 406-726-5227  
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Accreditation #86228

# Certificate of Analysis

**Order ID:** 2309155995

**Lab Sample #:** 43724120

**Receive Date:** 09/15/2023 12:47PM

**Report ID:** #20859

**Sample Description:** Ekko, Ryabolic, Fruit Punch

**Receive Condition:** Good  
**Sample Lot #:** 2309027      **Storage Condition:** Ambient  
**Serving Size:** 15.4 grams

Chemical Analysis	Result	Specification	Analyst	Date	Method
Beta Alanine	1683.0 mg/serving	NLT 1600 mg/serving	Emily Woodward	09/20/2023	MML170.08
Betaine Anhydrous	1446.4 mg/serving	NLT 1250 mg/serving	Emily Woodward	09/21/2023	MML170.07.37
*Caffeine	188.25 mg/serving	NLT 164.5 mg/serving	Emily Woodward	09/20/2023	MML170.05.01
Citrulline	5573.4 mg/serving	NLT 5000 mg/serving	Emily Woodward	09/20/2023	MML170.08
Tyrosine	1680.7 mg/serving	NLT 1500 mg/serving	Emily Woodward	09/20/2023	MML170.08

## Method References

**Method #** MML170.08      **Desc** Amino Acids  
**Instrument** HPLC  
**Reference** Waters AccQ-Tag Method, Manual Number WAT052874, Rev 0 April 1993 (Modified)

**Method #** MML170.07.37      **Desc** Betaine/Trimethylglycine  
**Instrument** HPLC, ELSD  
**Reference** Insook Rhec and Ki-Jung Paeng. "Simultaneous determination of betaine and choline using derivitization by HPLC with UV detection." Analytical Science and Technology. Vol 28 No.2, 112-116, 2015

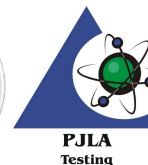
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Print Date: 09/21/2023



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## Certificate of Analysis

### Dynamic Technical Formulations

785 Goddard Ct.  
Alpharetta, GA  
30005

**Order ID:** 2309155995

**Lab Sample #:** 43724120

**Receive Date:** 09/15/2023 12:47PM

**Report ID:** #20859

**Method #** MML170.05.01

**Desc** Vitamin B Alpha

**Instrument** HPLC

**Reference** Sather, K and Vernig, T. Determination of Caffeine and Vitamin B6 in Energy Drinks by HPLC Concordia College Journal of Analytical Chemistry 2 (2011), 84-91

### Approval

**Approved By:**

*Amanda Ehman*

Amanda Ehman  
Quality Officer  
Authorized Reviewer

**Approved Date:** 09/21/2023

**Laboratory Location:** 82892 US Hwy 93 N, Ravalli, MT 59863

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Print Date: 09/21/2023