

Certificate of Analysis

| | | | |
|----------------------|---|---------------------|-------------|
| Company Name: | Biotics Research Corporation | Product Code(s): | 1262; 1263 |
| Product Name: | Hydro-Zyme | | |
| Batch / Lot # | 903003 | Expiration Date: | 03-Jun-21 |
| Product Description: | Tablet, uncoated | Size /Form: | 7/16" round |
| Appearance / Color: | Off-white | Avg. Tablet Weight: | 546 mg |
| Packaging: | White HDPE w/PS liner and safety neckband | | |

| <u>Active Ingredient:</u> | <u>Each Tablet contains:</u> | <u>Claim</u> | <u>Result</u> | <u>Method</u> |
|---------------------------|------------------------------|--------------|---------------|---------------|
| Vitamin B6 | | 2 mg | 2 mg | HPLC |
| Betaine HCl | | 150 mg | 150 mg | input |
| Glutamic Acid | | 50 mg | 50 mg | input |
| Ammonium Chloride | | 35 mg | 35 mg | input |
| Pancreatin 4X | | 10 mg | 10 mg | input |
| Pepsin | | 10 mg | 10 mg | input |

| <u>Evaluations</u> | <u>Specifications</u> | <u>Results</u> |
|--------------------|-----------------------|----------------|
| Disintegration: | <45 minutes | pass |

| <u>Heavy Metals⁽¹⁾:</u> | | |
|------------------------------------|-----------------------|------|
| Arsenic | < 0.14 µg/kg b.w./day | pass |
| Cadmium | < 0.09 µg/kg b.w./day | pass |
| Lead | < 0.14 µg/kg b.w./day | pass |
| Total Mercury | < 0.29 µg/kg b.w./day | pass |

| <u>Microbiology⁽²⁾:</u> | | |
|--------------------------------------|---------------------------|------|
| Total Aerobic Microbial Count (TAMC) | NMT 10 ⁵ cfu/g | pass |
| Total Combined Yeast and Mold Count | NMT 10 ⁴ cfu/g | pass |
| Escherichia coli | Negative | pass |
| Listeria | Negative | pass |
| Salmonella | Negative | pass |
| Staphylococcus aureus | Negative | pass |

⁽¹⁾ This calculation assumes a body weight of 70 kg for an average adult. If the dosage is intended for children, the appropriate body weight for the age of the child in the recommended use should be used.

⁽²⁾ NHPD, Evidence for Quality of Finished Natural Health Products, (2007), Section 2.4.3, Appendix 2 and 4
Negative means not detected in 10 g or 10 mL for Salmonella spp. and not detected in 1 g or 1 mL for E. coli, Listeria and S. aureus.

| | | |
|-------------|-----------|--------|
| Appearance: | Color | normal |
| | Thickness | normal |
| | Hardness | normal |

JUN 03 2019

Manufactured Date

Amelia Brooks 6/3/19
Prepared by/Date

[Signature] 6/3/19
QA Review by/Date