

Rad One LTD

Claudia Armstead  
32 Barnmead  
Haywards, UNITED KINGDOM RH16 1UZ

## ANALYTICAL REPORT

AR-24-JL-040610-02  
Report Supersedes AR-24-JL-040610-01

**Client Code:** JL0000651  
**PO#:** PO-0298 & PO-0304 \_Magenhance

**Received On:** 20Jun2024  
**Reported On:** 31Jul2024

|                              |                                  |                                  |                    |
|------------------------------|----------------------------------|----------------------------------|--------------------|
| <b>Eurofins Sample Code:</b> | 990-2024-06200333                | <b>Sample Registration Date:</b> | 20Jun2024          |
| <b>Client Sample Code:</b>   | EX052327AA/AB/AC/AD              | <b>Condition Upon Receipt:</b>   | acceptable, 22.3°C |
| <b>Sample Description:</b>   | Magenhance, Magnesium Supplement | <b>Sample Reference:</b>         |                    |

**Serving Size** 3 Caps

| FS014 - Heavy Metals USP 233 | Reference<br>USP 233 Mod. | Accreditation | Completed<br>27Jun2024 | Sub<br>1 |
|------------------------------|---------------------------|---------------|------------------------|----------|
|------------------------------|---------------------------|---------------|------------------------|----------|

| Parameter | Result    | Result               | Theoretical |
|-----------|-----------|----------------------|-------------|
| Arsenic   | <10.0 ppb | <0.02907 µg/Serving  |             |
| Cadmium   | <5.00 ppb | <0.014535 µg/Serving |             |
| Lead      | 14.0 ppb  | 0.040698 µg/Serving  |             |
| Mercury   | <5.00 ppb | <0.014535 µg/Serving |             |

| FS05M - Organoleptic Evaluation | Reference<br>Internal Method based on USP 25th ed.<br>pg 2363 | Accreditation | Completed<br>27Jun2024 | Sub<br>1 |
|---------------------------------|---------------------------------------------------------------|---------------|------------------------|----------|
|---------------------------------|---------------------------------------------------------------|---------------|------------------------|----------|

| Parameter                                            | Result                                | Result                                | Theoretical |
|------------------------------------------------------|---------------------------------------|---------------------------------------|-------------|
| Appearance                                           | See below                             | See below                             |             |
| Clear capsule with fine, white, granular powder fill |                                       |                                       |             |
| Characteristic Odor                                  | No odor                               | No odor                               |             |
| Package Appearance                                   | Black plastic bottle with black label | Black plastic bottle with black label |             |

| FS07T - Magnesium | Reference<br>AOAC 984.27 (mod), 985.01 (mod),<br>2011.14 (mod) | Accreditation | Completed<br>27Jun2024 | Sub<br>1 |
|-------------------|----------------------------------------------------------------|---------------|------------------------|----------|
|-------------------|----------------------------------------------------------------|---------------|------------------------|----------|

| Parameter | Result     | Result         | Theoretical |
|-----------|------------|----------------|-------------|
| Magnesium | 72,900 ppm | 212 mg/Serving |             |

| FSPRP - Serving Size - Content (Fill)<br>Weight | Reference<br>Internal method | Accreditation | Completed<br>31Jul2024 | Sub<br>1 |
|-------------------------------------------------|------------------------------|---------------|------------------------|----------|
|-------------------------------------------------|------------------------------|---------------|------------------------|----------|

| Parameter         | Result    | Result | Theoretical |
|-------------------|-----------|--------|-------------|
| Entity Weight     | 0.9690 g  |        |             |
| Units per serving | 3 Capsule |        | 3 Capsule   |

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**Received On:** 20Jun2024  
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|------------------------------|----------------------------------|----------------------------------|--------------------|
| <b>Eurofins Sample Code:</b> | 990-2024-06200333                | <b>Sample Registration Date:</b> | 20Jun2024          |
| <b>Client Sample Code:</b>   | EX052327AA/AB/AC/AD              | <b>Condition Upon Receipt:</b>   | acceptable, 22.3°C |
| <b>Sample Description:</b>   | Magenhance, Magnesium Supplement | <b>Sample Reference:</b>         |                    |

**Serving Size** 3 Caps

|                                           |                                |                                                            |                               |
|-------------------------------------------|--------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZMCKU - E. coli - USP &lt;2022&gt;</b> | <b>Reference</b><br>USP <2022> | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>23Jun2024 |
|-------------------------------------------|--------------------------------|------------------------------------------------------------|-------------------------------|

|                  |                       |                       |                    |
|------------------|-----------------------|-----------------------|--------------------|
| <b>Parameter</b> | <b>Result</b>         | <b>Result</b>         | <b>Theoretical</b> |
| E. coli          | Not Detected per 10 g | Not Detected per 10 g |                    |

|                                                                              |                                                    |                                                            |                               |
|------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZMDFJ - Total Combined Yeasts/Moulds Count - USP Chapter &lt;2021&gt;</b> | <b>Reference</b><br>U.S. Pharmacopeia Chapter 2021 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>26Jun2024 |
|------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|

|                                    |               |               |                    |
|------------------------------------|---------------|---------------|--------------------|
| <b>Parameter</b>                   | <b>Result</b> | <b>Result</b> | <b>Theoretical</b> |
| Total Combined Yeasts/Moulds Count | < 100 cfu/g   | < 100 cfu/g   |                    |

|                                                                         |                                                    |                                                            |                               |
|-------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZMDFK - Total Aerobic Microbial Count - USP Chapter &lt;2021&gt;</b> | <b>Reference</b><br>U.S. Pharmacopeia Chapter 2021 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>24Jun2024 |
|-------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|

|                               |               |               |                    |
|-------------------------------|---------------|---------------|--------------------|
| <b>Parameter</b>              | <b>Result</b> | <b>Result</b> | <b>Theoretical</b> |
| Total Aerobic Microbial Count | < 100 cfu/g   | < 100 cfu/g   |                    |

|                                                                 |                                                    |                                                            |                               |
|-----------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZMDGE - Staphylococcus aureus - USP Chapter &lt;2022&gt;</b> | <b>Reference</b><br>U.S. Pharmacopeia Chapter 2022 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>11Jul2024 |
|-----------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|

|                       |                    |                    |                    |
|-----------------------|--------------------|--------------------|--------------------|
| <b>Parameter</b>      | <b>Result</b>      | <b>Result</b>      | <b>Theoretical</b> |
| Staphylococcus aureus | Not Detected per g | Not Detected per g |                    |

|                                                                |                                                  |                                                            |                               |
|----------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZMDHV - Pseudomonas aeruginosa - USP Chapter &lt;62&gt;</b> | <b>Reference</b><br>U.S. Pharmacopeia Chapter 62 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>22Jun2024 |
|----------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|-------------------------------|

|                        |                    |                    |                    |
|------------------------|--------------------|--------------------|--------------------|
| <b>Parameter</b>       | <b>Result</b>      | <b>Result</b>      | <b>Theoretical</b> |
| Pseudomonas aeruginosa | Not Detected per g | Not Detected per g |                    |

|                                                                                             |                                                    |                                                            |                               |
|---------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZME88 - Bile-Tolerant Gram Negative Bacteria (Semiquanti) - USP Chapter &lt;2021&gt;</b> | <b>Reference</b><br>U.S. Pharmacopeia Chapter 2021 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>23Jun2024 |
|---------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|

|                                                   |               |               |                    |
|---------------------------------------------------|---------------|---------------|--------------------|
| <b>Parameter</b>                                  | <b>Result</b> | <b>Result</b> | <b>Theoretical</b> |
| Bile-Tolerant Gram Negative Bacteria (Semiquanti) | <10 MPN per g | <10 MPN per g |                    |

|                                                      |                                                    |                                                            |                               |
|------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|
| <b>ZMEV2 - Salmonella - USP Chapter &lt;2022&gt;</b> | <b>Reference</b><br>U.S. Pharmacopeia Chapter 2022 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 2918.05 | <b>Completed</b><br>23Jun2024 |
|------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------|

|                  |               |               |                    |
|------------------|---------------|---------------|--------------------|
| <b>Parameter</b> | <b>Result</b> | <b>Result</b> | <b>Theoretical</b> |
|------------------|---------------|---------------|--------------------|

|                       |                                  |                           |                    |
|-----------------------|----------------------------------|---------------------------|--------------------|
| Eurofins Sample Code: | 990-2024-06200333                | Sample Registration Date: | 20Jun2024          |
| Client Sample Code:   | EX052327AA/AB/AC/AD              | Condition Upon Receipt:   | acceptable, 22.3°C |
| Sample Description:   | Magenhance, Magnesium Supplement | Sample Reference:         |                    |

|                                         |                                             |                                                     |                        |
|-----------------------------------------|---------------------------------------------|-----------------------------------------------------|------------------------|
| Serving Size                            | 3 Caps                                      |                                                     |                        |
| ZMEV2 - Salmonella - USP Chapter <2022> | Reference<br>U.S. Pharmacopeia Chapter 2022 | Accreditation<br>ISO/IEC 17025:2017<br>A2LA 2918.05 | Completed<br>23Jun2024 |

| Parameter       | Result                | Result                | Theoretical |
|-----------------|-----------------------|-----------------------|-------------|
| Salmonella spp. | Not Detected per 10 g | Not Detected per 10 g |             |

**Report Comment:**  
Rev. 01: Corrected serving size calculations to reflect a non-rounded entity weight value.  
Subcontracting partners:  
1 - Eurofins Food Chemistry Testing US Madison, Wisconsin

Respectfully Submitted,



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Michael Kaiser  
Associate Technical Leader



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