



**Good  
Manufacturing  
Practices**

**United States Pharmacopeia  
Quality Systems GMP Audited Certificate**

Certificate No.: QSGMP-IVP-DI-0047 | Original Date: December 8, 2017 | Effective Date: January 1, 2023 | Expiry Date: December 31, 2023

**AstaReal, Inc.**

7761 Randolph Rd., NE  
Moses Lake, WA 98837

Operates GMP quality systems which meet the requirements set forth in  
21 CFR Part 117 *Current Good Manufacturing Practice, Hazard Analysis and Risk-Based  
Preventive Controls for Human Food*, and *USP-NF* general chapter <2740> *Manufacturing  
Practices for Dietary Ingredients* for the following scope:

**Dietary Ingredient Manufacturing**

A handwritten signature in black ink that reads 'Holly Chang'.

**Holly Chang**  
Vice President, USP Technical Services

2023

This certificate remains the property of USP and shall be returned immediately upon request. USP issues this GMP certificate for the period stated above or until any major change in the manufacturer's quality systems has taken place, as defined in the license agreement and/or the USP Ingredient Verification Program for Dietary Ingredients Manual for Participants. Failure to comply with the provisions of the manual or the license agreement shall render this certificate void, and the right to use the USP Audited Good Manufacturing Practices Mark will be withdrawn. To check the validity of this certificate, visit [www.uspverified.org](http://www.uspverified.org).

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