

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** HP Starch  
**INCI Name:** Hydroxypropyl Starch Phosphate  
**CAS Number:** 113894-92-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

| Property                             | Specification   | Analysis  |
|--------------------------------------|-----------------|-----------|
| pH<br>(10g Starch in 100mL DI Water) | 4.5 - 7.0       | 5.2       |
| Moisture<br>(Cenco)                  | 12.0% MAX       | 6.2%      |
| B. Viscosity<br>(4.5% Solids)        | 2000 - 7000 cps | 5440 cps  |
| Total Plate Count                    | 100 CFU/g MAX   | <10 CFU/g |
| Yeast                                | 100 CFU/g MAX   | <10 CFU/g |
| Mold                                 | 100 CFU/g MAX   | 10 CFU/g  |
| E. Coli                              | Passes test     | Pass      |
| Salmonella                           | Passes test     | Pass      |

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed.

All data are as per our supplier.

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