

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	HP-Starch		
<b>INCI Name:</b>	Hydroxypropyl starch phosphate		
<b>CAS Number:</b>	113894-92-1		
<b>Batch Number</b>	20221025	<b>Manufacture Date</b>	20221025
<b>Report Date</b>	20221025	<b>Expiry Date</b>	20241024

Analytical Tests	Specifications	Results
Appearance	White to off-white free flowing powder	Pass
pH (10g Starch in 100mL DI Water)	4.5-7.0	5.7
Moisture	12.0% MAX	7.2%
B. Viscosity (4.5% Solids)	2000-7000 cps	4090 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

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

