



# Certificate of Analysis

**Product Name:** Oat Amino Acids PF  
**Lot Number:** 30990  
**Manufacture Date:** May 5, 2023  
**Re-Test Date:** May 5, 2024  
**CAS #'s:** 65072-01-7  
**EINECS #'s:** N/A  
**INCI Name:** Oat Amino Acids

Specification	Parameter	Result
<b>Appearance</b>		
<b>Color</b>	Clear to Hazy Liquid	Pass
<b>Odor</b>	6 Gardner Maximum	4
<b>NVM (1g on sand, 105°C, 2 hrs)</b>	Characteristic	Pass
<b>Ash (800°C)</b>	38.0 – 43.0%	38.3
<b>pH (direct)</b>	1.5% Maximum	0.0
<b>Nitrogen (Kjeldahl)</b>	5.0 – 6.5	5.7
<b>Heavy Metals</b>	2.5 – 7.5%	7.3
<b>Lead</b>	< 20 ppm	< 20 ppm
<b>Arsenic</b>	< 10 ppm	< 10 ppm
<b>Cadmium</b>	< 2 ppm	< 2 ppm
	< 1 ppm	< 1 ppm
<b>Microbial Content</b>		
<b>Yeast &amp; Mold</b>	< 100 CFU/g; No pathogens	Pass
<b>Gram Negative Bacteria</b>	< 100 CFU/g	Pass
	0 CFU/g	Pass

**May Sediment upon Standing; Mix Well Prior to Use**

**\*\*Note:** Product may change appearance if exposed to cold temperatures during shipment or storage. If this happens, please gently warm to 45-50°C and mix until normal appearance is restored.