

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Essential Amino Acid Blend
<b>Batch No.:</b> CP20421101501 <b>Quantity:</b> 1000kg
<b>Manufacture Date:</b> 2021 October 15 <b>Expiry Date:</b> 2023 October 14
<b>Analysis Date:</b> 2021 October 17 <b>Country of Origin:</b> China

Items	Specifications Analysis Method	Results
Appearance	White to off-white powder Visual	Complies
L-Leucine Content	About 25.00% GB 5009.124-2016	Complies
L-Isoleucine Content	About 11.00% GB 5009.124-2016	Complies
L-Valine Content	About 14.00% GB 5009.124-2016	Complies
L-Lysine HCl Content	About 16.00% GB 5009.124-2016	Complies
L-Threonine Content	About 13.50% GB 5009.124-2016	Complies
L-Phenylalanine Content	About 4.50% GB 5009.124-2016	Complies
L-Methionine Content	About 9.00% GB 5009.124-2016	Complies
L-Histidine Content	About 4.50% GB 5009.124-2016 About	Complies
L-Tryptophan Content	2.50% GB 5009.124-2016	Complies
Bulk Density	≥ 0.40g/ml USP30 <616>	Complies
Particle Size	100% through 20 mesh	Complies
Heavy Metals (as Pb)	≤ 10ppm USP30 <231>	Complies
Arsenic	≤1ppm GB/T 5009.11-2003	Complies
Loss on drying	≤0.5% USP30 <731>	Complies
Residue on Ignition	≤0.5 % USP30 <281>	Complies
Total Plate Count	≤1000cfu/g USP30 <61>	Complies
Yeast & Molds	≤100cfu/g USP30 <61>	Complies
E.Coli	Nil USP30 <61>	Complies
Salmonella	Nil USP30 <61>	Complies

**Conclusion:** This batch is conforming to Enterprise standard.