

## CERTIFICATE OF ANALYSIS

<b>Product name:</b>	BCAA(Instant)2:1:1		
<b>Batch No.:</b>	CP05190412	<b>Quantity:</b>	SAMPLE
<b>Manufacture date:</b>	2019.04.12	<b>Expiry date:</b>	2021.04.11

Reference standard:	Enterprise standard	
(ITEM)	(STANDARD)	(RESULT)
Description	White to off-white powder	White Powder
Assay	≥95%	96.9%
L-Leucine Content	45.0~55.0%	46.3%
L-Isoleucine Content	22.5~27.5%	25.4%
L-Valine Content	22.5~27.5%	25.2%
Sunflower Lecithin	0.5%~1.0%	0.8%
Bulk Density	≥0.35g/ml	0.42g/ml
apped Density	≥0.50g/ml	0.60g/ml
Heavy metals (as Pb)	≤10ppm	<10ppm
Lead	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Arsenic	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Loss on drying	≤1.0 %	0.17%
Residue on ignition	≤1.0%	0.11%
Total Plate Count	≤1,000 cfu/g	<1,000 cfu/g
Yeasts and Molds (CFU/g)	≤100cfu/g	<100cfu/g
Escheria Coli	Negative	Negative
Salmonella	Negative	Negative

<b>Remark:</b>	Assay test according to GB 5009.124-2016.		
<b>Conclusion:</b>	Material conforms to the Enterprise standard.		
<b>Analysis date:</b>	2019.04.13		