

CERTIFICATE OF ANALYSIS

Product name	Beta-Alanine	Batch Number	17021401
CAS Number	107-95-9	Manufacture date	Feb 14, 2017
Quantity	25.0kg	Retest Date	Feb 13, 2019

Item	Specifications	Results
Description	White granular powder	White granular powder
Assay	98.0%-101.0%	99.4%
PH	6.5-7.5	6.9
Transmittance	≥95.0%	99.5%
Loss on drying,	≤0.30%	0.2%
Residue on ignition,	≤0.10%	0.08%
Heavy metals (as Pb)	≤10ppm	<10ppm
Arsenic(AS ₂ O ₃)	≤1ppm	<1ppm
Ammonium	≤0.02%	<0.02%
Chloride, (as Cl)	≤0.04%	<0.02%
Sulfate(SO ₄) (as SO ₄)	≤0.04%	<0.02%
Iron(as Fe)	≤30ppm	<30ppm
Pb	≤3ppm	<3ppm
Hg	≤0.5ppm	<0.5ppm
Cd	≤1ppm	<1ppm
Melting Point	197°C-202°C	198.5°C-200.0°C
Ammonium salt	≤0.02%	<0.02%
Other amino acids	Not detected	Not detected
Microbial	<1000cfu/g	<1000cfu/g
E.Coli	Negative	Negative
Salmonelia	Negative	Negative
Mould & Yeast	<100cfu/g	<100cfu/g

Conclusion: The test result of the above mentioned product meets AJI92 standard