

CERTIFICATE OF ANALYSIS

Product Name	Beta Alanine	Batch Number	010007200821
CAS Number	107-95-9	Manufacture Date	Aug 21, 2020
Standard	AJ192	Best Used Before	Aug 20, 2022

Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Transmittance	≥95.0%	99.5%
Chloride (Cl)	≤0.04%	<0.04%
Ammonium (NH ₄)	≤0.02%	<0.02%
Sulfate(SO ₄)	≤0.048%	<0.048%
Iron(Fe)	≤30ppm	<30ppm
Heavy metals	≤10ppm	<10ppm
Arsenic(as As ₂ O ₃)	≤2ppm	<2ppm
Other amino acids	Not detectable	Conforms
Loss on drying	≤0.3%	0.08%
Residue on ignition	≤0.2%	0.05%
Assay	98.0%~101.0%	100.3%
PH	6.5-7.5	6.84
Melting point	197°C-202°C	197.3°C-198.9°C

Conclusion: Qualified