



β-Alanine (3-Aminopropanoic acid)

SPECIFICATION DATASHEET			
Test	Units	Specification	Test Results
Appearance	-	White Crystalline Powder	White Crystalline Powder
Assay	%	98.0 – 101.0	99.2
pH	-	6.5 – 7.5	6.97
Transmittance	%	≥95.0	99.2
Loss on drying	%	≤0.20	0.04
Residue on ignition	%	≤0.20	0.13
Chloride (Cl)	%	≤0.039	<0.039
Sulfate (SO ₄)	%	≤0.048	<0.048
Ammonium (NH ₄)	%	≤0.02	<0.02
Other amino acids	-	Not detectable	Not detected
Heavy Metals (Pb)	mg/kg	≤10	<10
Iron (Fe)	mg/kg	≤30	<30
Lead (Pb)	mg/kg	≤1	<0.04
Arsenic (As)	mg/kg	≤1	<0.01
Mercury (Hg)	mg/kg	≤0.1	<0.01
Cadnium (Cd)	mg/kg	≤0.5	<0.003
Total Plate Count	cfu/g	≤1000	<10
Molds & Yeast	cfu/g	≤100	<10
E. Coli	cfu/g	≤10	<10
Salmonella	/25g	Negative	Negative
Staphylococcus aureus	/25g	Negative	Negative