

Specification Sheet

Product Name	L-Norvaline		
Packing	25Kg/Drum	Shelf Life:	24Months

Analysis	Specification
Characteristics	White fine powder
Odor	odorless
Identification	IR spectrum
Assay(HPLC)	99.0% min
Loss on drying(%)	≤0.5%
Heavy Metal	10ppm maximum
Ash	≤0.2%
Specific rotation	+23 °~+25 °
Content of D-Norvaline	≤0.1%
As	NMT 1ppm
Pb	NMT 3ppm
Cd	NMT 2ppm
Hg	NMT 0.2ppm
Total Plate Count	NMT 1000 cfu/g
Yeast & Mold	NMT 100 cfu/g
Coliform	NMT 100 cfu/g
E. coli	Negative
Salmonella	Negative
Conclusion:	Meets the requirements