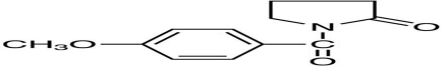


CERTIFICATE OF ANALYSIS

Product and Batch Information		
Product Name: Aniracetam		
CAS No.: 72432-10-1		
Molecular formula: C ₁₂ H ₁₃ NO ₃		
Batch No.: LSM200118		
Quantity: 50KGS		
Manufacture Date: Jan. 18, 2020	Analysis Date: Jan. 18, 2020	Expiration Date: Jan. 17, 2022

Analysis	Specification	Result
Physical Description		
Appearance	White to off-white fine powder	White Powder
Excipients	None	None
Chemical Tests		
Identification	Positive	Positive
Assay(On dried base, GC)	98.0% Min	98.72%
Loss on Drying	1.0% Max	0.15%
Residue on Ignition	0.1% Max	0.03%
Heavy Metals		
	10.0ppm Max	< 10.0ppm
Sulfate(SO ₄)	0.04% Max	< 0.04%
Chloride(Cl)	0.02% Max	< 0.02%
Iron(Fe)	10.0ppm Max	< 10.0ppm
Arsenic(As ₂ O ₃)	1.0ppm Max	< 1.0ppm
Solvent Residual	Meeting USP Standard	USP34
Microbiology Control		
Total Plate Count	10,000CFU/g Max	<10,000CFU/g
Yeast & Mold	300CFU/g Max	< 300CFU/g
E.Coli	Negative/10g	Negative
Coliforms	10CFU/g Max	<10CFU/g
Salmonella sp.	Negative/25g	Negative
Staph Aureus	Negative/10g	Negative
Pseudomonas	Negative/25g	Negative
Conclusion	Complies with the standards.	
Packing and Storage		
Packing: Pack in paper-carton and two plastic-bags inside.		
Shelf life: 2 year when properly stored.		
Storage: Store in a well-closed place with constant low temperature and no direct sunlight.		



Laboratory technician: Xiaoke Hui	Checker: Ping Wang	Quality control: Wei Zhang
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