

CERTIFICATE OF ANALYSIS						
Manufactured for	Nutrawave					
Name of product:	NAC (N-Acetyl-L-Cysteine)					
Packaging Lot # :	M2500356/1	Master Packaging Record #		Expiry Date:	06/2028	
		MPR	NT-N533-90-V0			
Manufacturing Lot # :	M2500356	Master Manufacturing Record #:		MFG Date:	07/2025	
		MMR	NT-N533-V0			
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.					
Physical Description:	White colour in empty clear vegetable capsule size"0"		90 Count in Bottle-250cc 45/400 white HDPE round with Cap-45-400 White HIS P/P, ribbed top dot , plain liner.			
Physical Tests:						
TESTES	Results	Low	Target	High	Strength	Method
Average Wt. of Capsules	729 mg	644	716	788	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Disintegration	08 mins	NMT 30 min				USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR
Quantity / Potency :	Results	Low	Target	High	Strength	Method
N-Acetyl-L-Cysteine.	605.08 mg	540.00	600.00	750.00	mg	JPL-012.00 (HPLC)
NON-MEDICINAL INGREDIENTS	Magnesium Stearate Vegetable Grade, Microcrystalline Cellulose, Empty Clear Vegetable Capsule Size "0"					
PURITY:						
MICRO TEST	Results	Limits				Method
Total Plate Count	<10 c.f.u./g	< 3000 c.f.u / g				USP<2021/2022>
Total Yeast	<10 c.f.u./g	< 300 c.f.u / g				USP<2021/2022>
Total Mold	<10 c.f.u./g	< 300 c.f.u / g				USP<2021/2022>
E.Coli	Not Detected	Not Detected				USP<2021/2022>
Salmonella Spp	Not Detected	Not Detected				USP<2021/2022>
Staphylococcus Aureus	Not Detected	Not Detected				USP<2021/2022>
HEAVY METALS:	Results	Limits 1 capsules / day				Method
Arsenic	<0.0003 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day				ICP - MS
Cadmium	<0.0001 mcg / kg b.w./day	< 0.09 mcg / kg b.w./day				ICP - MS
Lead	0.0033 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day				ICP - MS
Total Mercury	<0.0001 mcg / kg b.w./day	< 0.29 mcg / kg b.w./day				ICP - MS
Solvent residue	Complies	Meets USP requirements				USP/GC
Pesticide Residue	Complies	Meets USP requirements				USP/GC
Prepared by: <i>Santley R Aug 13/2025</i>	Approved by: <i>I Shargau R Aug 13/2025</i> Quality Assurance					
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