NutraNorth®

CERTIFICATE OF ANALYSIS

Manufactured for	**MACKISEN**				
Name of product:	**Chaste Berry**				
Packaging Lot # :	**M2500547/1**	**Master Packaging Record #**		**Expiry Date :**	**12/2028**
		MPR	**MA-N073-60-V0**		
Manufacturing Lot # :	**M2500547**	**Master Manufacturing Record #:**		**MFG Date:**	**01/2026**
		MMR	**MA-N073-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	Brown color powder in clear Veggie size "2" capsules.		60 count in Bottle-250cc-45/400 White HDPE Round with Cap-45-400 white HIS P/P,ribbed,plain liner.		

Physical Tests:

TESTES	Results	Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	296 mg	270	300	330	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	Conforms	Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	04 min	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR

Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Chasteberry PE 10:1 (Vitex agnus-castus) fruit	100.00	mg	90.00	100.00	110.00	mg	Certified Input
NON-MEDICINAL INGREDIENTS	Empty Clear Vegetable Capsule Size "2"						

Purity:

MICRO:	Results	Limits	Method
Total Plate Count	40 CFU/g	< 1,00,000 c.f.u / g	USP <2021/2022>
Total Yeast	<10 CFU/g	<10000 c.f.u / g	USP <2021/2022>
Total Mold	<10 CFU/g	<10000 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	<0.0001 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	0.0003 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 Standard	USP/GC
Pesticide Residue	Complies	Meets USP Standard	USP/GC

Prepared by: Sneha Feb/02/2026

Approved by: Bhargav.A Feb/02/2026

Quality Assurance

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CERTIFICATE OF ANALYSIS

Manufactured for	**MACKISEN**				
Name of product:	**Chaste Berry**				
Packaging Lot # :	**M2500547/2**	**Master Packaging Record #**		**Expiry Date :**	**12/2028**
		MPR	**MA-N073-120-V0**		
Manufacturing Lot # :	**M2500547**	**Master Manufacturing Record #:**		**MFG Date:**	**01/2026**
		MMR	**MA-N073-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	Brown color powder in clear Veggie size "2" capsules.	120 count in Bottle-250cc-45/400 White HDPE Round with Cap-45-400 white HIS P/P,ribbed,plain liner.			

Physical Tests:

TESTES	Results	Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	296 mg	270	300	330	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	Conforms	Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	04 min	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR

Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Chasteberry PE 10:1 (Vitex agnus-castus) fruit	100.00	mg	90.00	100.00	110.00	mg	Certified Input
NON-MEDICINAL INGREDIENTS	Empty Clear Vegetable Capsule Size "2"						

Purity:

MICRO:	Results	Limits	Method
Total Plate Count	40 CFU/g	< 1,00,000 c.f.u / g	USP <2021/2022>
Total Yeast	<10 CFU/g	<10000 c.f.u / g	USP <2021/2022>
Total Mold	<10 CFU/g	<10000 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	<0.0001 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	0.0003 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 Standard	USP/GC
Pesticide Residue	Complies	Meets USP Standard	USP/GC

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