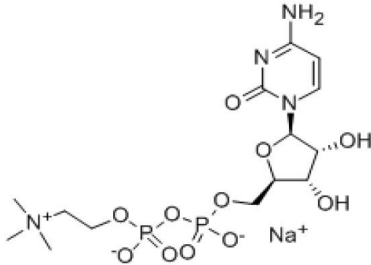


Certificate of Analysis



FOR NOOTROPICS.COM

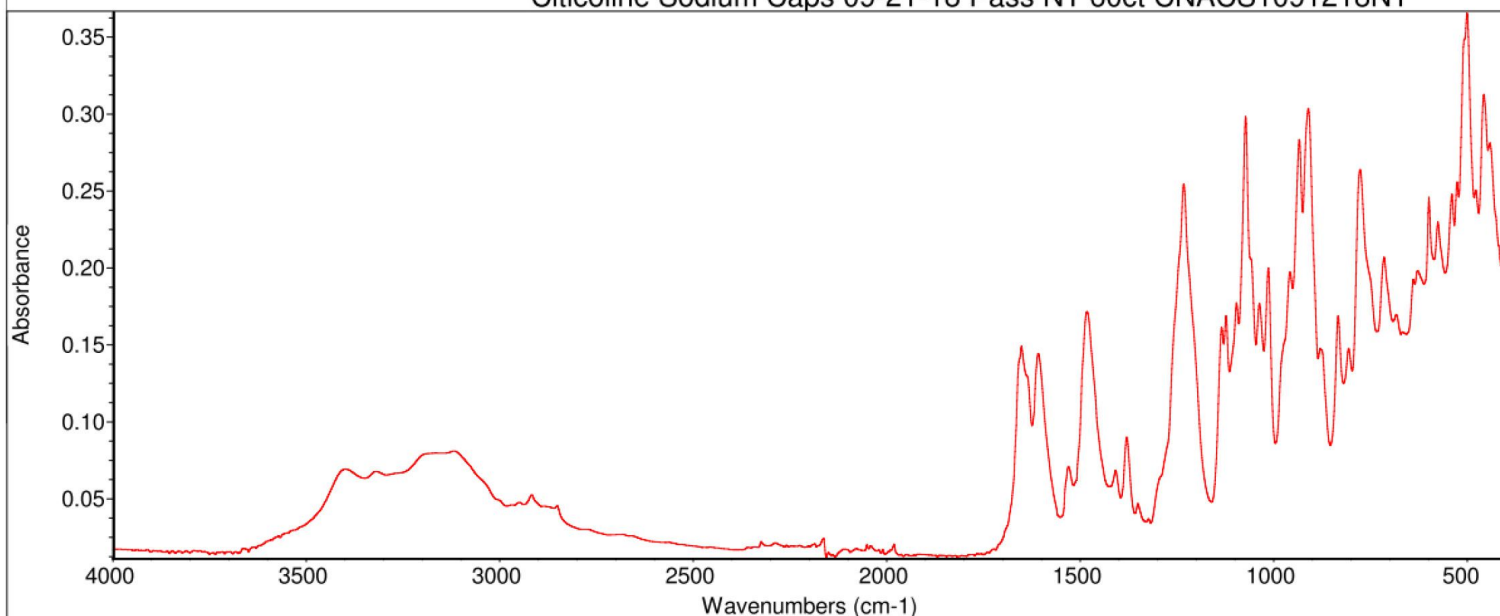
Product Name	Citicoline Sodium Capsules	
CAS	33818-15-4	
Lot Number	CNACS1091218NT	
Production Date	09/20/2018	
Best Used By	09/2020	
Validation Method	FTIR, HPLC	
Specification	LC/MS, P-NMR	
Conclusion	Product complies to specifications	
Other Ingredients	Magnesium Stearate (flow agent), Vegetable Cellulose (capsule)	

Analysis	Specification	Result	Method
Appearance	White Crystalline Powder Encapsulated	Complies	Visual
Odor	Odorless	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Identification	Spectrum	Conforms	FTIR
Specification	(1)Molecular Weight (2)Structure	(1) 510.306 g/mol (2) C ₁₄ H ₂₅ N ₄ NaO ₁₁ P ₂	(1) LC/MS (2) P-NMR
Assay	≥98.0%	99.8%	HPLC

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Fri Sep 21 11:59:54 2018 (G

Citicoline Sodium Caps 09-21-18 Pass NT 60ct CNACS1091218NT



Spectrum: Citicoline Sodium Caps 09-21-18 Pass NT 60ct CNACS1091218NT
 Region: 3999.71-401.13
 Search type: Correlation

Hit List:

Index	Match	Compound name	Library
1238	98.66	Citicoline Sodium Caps 03-05-18 Pass MX 60ct CNACS1021618MX	HR ATR
1134	98.65	Citicoline Sodium Caps CNACNTF0516	HR ATR
7	98.57	CDP Choline CDPPMX0715	HR ATR
112	97.94	CDPPMX0515	HR ATR
543	97.82	Citicoline Sodium CNAGWI0117	HR ATR

Number of sample scans: 64
 Number of background scans: 64
 Resolution: 4.000
 Sample gain: 4.0
 Optical velocity: 0.4747
 Aperture: 100.00

*This is a translation of the manufacturer's or independent lab analysis and should not be solely used as an instrument for strict quality control