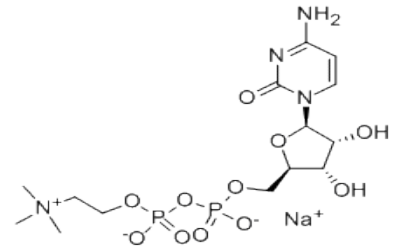




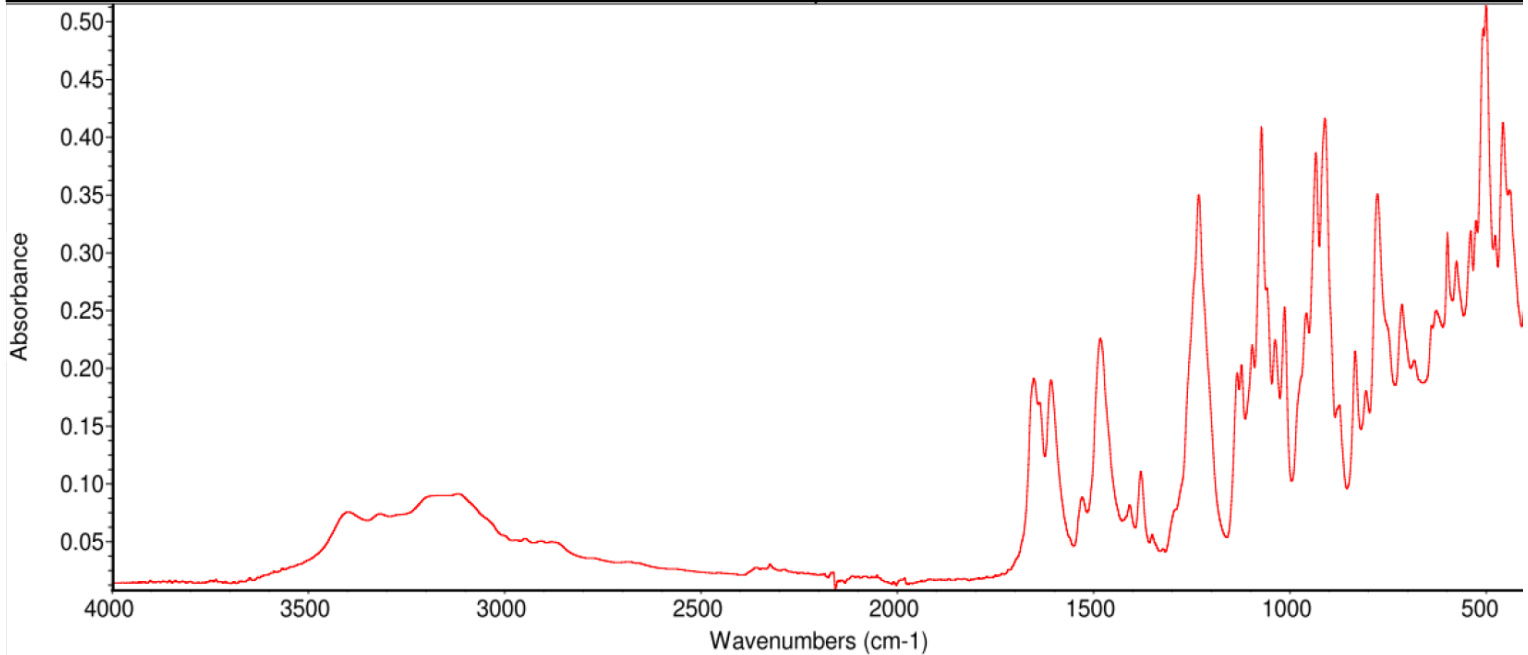
# CERTIFICATE OF ANALYSIS

Product: **Citicoline Sodium Capsules (300mg)**  
 IUPAC Name: *Sodium 5'-O-[[[2-(trimethylammonio)ethoxy]phosphinato}oxy]phosphinato]cytidine*

Lot Number: CNACS1062619UK      Appearance: White Powder  
 Production Date: 07/08/19      Odor: Odorless  
 CAS: 33818-15-4      Taste: Characterisitc  
 Molecular Formula: C<sub>14</sub>H<sub>25</sub>N<sub>4</sub>NaO<sub>11</sub>P<sub>2</sub>      Molecular Weight: 510.306 g/mol  
 Conclusion: Product complies to specifications  
 Other Ingredients: Maltodextrin, Magnesium Stearate, Vegetable Cellulose



Analysis	Specification	Result	Method
Identity	Spectrographic Reference	Conforms	FTIR-ATR
Purity	>98%	100%	HPLC



Heavy Metals	Specification	Result	Method
Arsenic	< 2 ppm	Conforms	USP 232/233 (ICP-MS)
Cadmium	< 2 ppm	Conforms	
Lead	< 2 ppm	Conforms	
Mercury	< 2 ppm	Conforms	

