

Product Name: Citicoline Sodium

CAS No.	33818-15-4
Items	Specification
Appearance	White crystalline or crystalline powder, odorless
Solubility	Freely soluble in water, insoluble in ethanol, in acetone
Identification	Color reaction
	The retention time of major peak for the sample solution should be complied with that of the standard solution
	IR
	The aqueous solution yields the reaction characteristic of sodium salts
PH	6.0~7.5
Clarity and color of solution	Should be clear and colorless
Chlorides	≤0.05%
Ammonium salt	≤0.05%
Iron	≤0.01%
Phosphates	≤0.1%
Loss on drying	≤6.0%
Heavy metals	≤0.0005%
Arsenic	≤0.0001%
Related substances	5'-CMP≤0.3%
	Other single impurity≤0.2%
	Other total impurities≤0.7%
Residue solvents	Methanol≤0.3%
	Ethanol≤0.5%
	Acetone≤0.5%
Total bacterial count	≤1,000 CFU/g
Yeast and Molds	≤100 CFU/g
E. Coli	N.D.
Assay (HPLC)	98.0%-102.0%
Storage	Keep in cool dry place, avoid direct sun and heat
Shelf life	2 years from the original packaging