

## TECHNICAL DATA SHEET

Product code	050010
Product	CDP Choline Sodium
Specification	≥98.0%
CAS Number	33818-15-4

Items	Specifications
Characteristics	White crystalline or crystalline powder, odorless
Solubility	Freely soluble in water, insoluble in ethanol, in acetone and in chloroform
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%
Residual solvents	Methanol≤0.3%
	Ethanol ≤0.5%
	Acetone ≤0.5%
Bacterial endotoxins	<0.30EU/mg
Microbial contamination	Total bacterial count≤1000cfu/g
	Yeast and molds≤100cfu/g
	E. Coli should be N.D.
Assay	≥98.0%

Net weight: 25kgs/Drum or Carton

Gross weight: 27.5Kgs±0.5kg/Drum

Packing size: Drum.I.D.35×H51cm; Carton 36cm×36cm×45cm

24 months under in a well-closed container and away from moisture, light, oxygen.

Packed in paper-drums or carton with two plastic-bags inside.