

## SPECIFICATION

Cytosine-1- $\beta$ -D(+)-arabinofuranoside  
for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ powder
Solubility in water	to pass test
Specific rotation [ $\alpha$ ] <sub>D20</sub> (c=1,H <sub>2</sub> O)	+154~+160°
pH of a 10g/l solution at 25°C	6.5~8.0
Heavy metals (as Pb)	max.0.002%
Deoxycytidine	to pass test
Thin layer chromatography test	to pass test
Assay	min.98.0%