



**ShengChuan Biochem Co.,Ltd.**

Address: No.6 Ke Xue Road, High-Tech Center District, Hefei,  
Anhui, Hefei 230088, China

Ph: +86-18096609087

E-mail: sales@scbiochem.com

www.scbiochem.com

## CERTIFICATE OF ANALYSIS

Product Name	Uridine 5'-Monophosphate Disodium Salt	Batch Number	SC20190515
CAS	3387-36-8	Manufacture Date	May.15,2019
Quantity	25kg	Retest Date	May.14,2021

Testing items	Specifications	Results
Appearance	White Crystalline Powder	Conforms
PH	7.0-8.5	8.0
Water content	$\leq 26.0\%$	17.5%
Clarity and color	Clear and Colorless	Conforms
Identification	Max.absorption @262+1nm	Conforms
Identification(UV)	$A_{280} / A_{260} = 0.36-0.40$ $A_{250} / A_{260} = 0.71-0.77$	0.39 0.73
Transmittance of solution	$\geq 95.0\%$	97.8%
Heavy metal	$\leq 10\text{ppm}$	Conforms
Lead	$\leq 3\text{ppm}$	Conforms
Cadmium	$\leq 1\text{ppm}$	Conforms
Mercury	$\leq 0.1\text{ppm}$	Conforms
Arenic	$\leq 0.15\text{ppm}$	Conforms
Total microbacterial count	$\leq 300\text{CFU/g}$	50CFU/g
Yeast & Mold	$\leq 25\text{cfu/g}$	Conforms
E.Coli	Negative	Conforms
Salmonella	Negative	Conforms
Assay(UV)	$\geq 97.0\%$	99.9%
Purity(HPLC)	$\geq 98.0\%$	99.9%
Packing	Pack in paper-drums and two food grade poly bags inside. Net weight: 25kg/drum	
Storage condition	Store in a well closed place with constant low temperature and no direct sun light	
Shelf life	Two years when properly stored	
Conclusion	Comply with specification	

