

CERTIFICATE OF ANALYSIS

Product Name: CYTIDINE 5'-MONOPHOSPHATE

Batch weight: 500 KG

Batch No.: 20231209

Produce Date: 2023.12.9

Items	Specification	Results
Characteristics	White to off-white crystalline powder, odorless	Complies
Identification	UV absorbance ratio A250/A260 0.41~0.49	0.44
	UV absorbance ratio A280/A260 2.03~2.17	2.10
pH	2.0~3.5	2.74
Loss on drying	≤2.5%	1.38%
Light transmittance	≥97.0%	99.87%
Assay (Calculated on dried basis, UV)	≥98.0%	99.86%
Assay (HPLC)	≥98.0%	98.66%

Analyst: Wen Qian**Quality Assurance Officer:** Zhan Peng