

Certificate of Analysis

Date of Testing: 2024-10-21 17:21:54

Date of Next Testing: 2028-10-20 17:21:54

Product Name: **HEPPS**

CAS Number: 16052-06-5

Specifications & Purity: for cell culture, ≥99.5%(T)

Lot #: J2416801

SKU # **H110901**

Version **1**

Analysis #: **348457**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
A260(1M,H2O)	0-0.1	0.04
Endonuclease Detection	0-0.1 (EU/g)	0.10 EU/g
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
standard plate count	0-100 (IU/g OR u/g)	23.10 IU/g OR u/g
A280(1M,H2O)	0-0.1	0.03
Assay(Titration)	99.5-100 (%)	99.51 %
Appearance (H110901)	White Crystalline Powder	white crystalline powder
DNases	none detected	none detected
phosphatases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Solubility in H2O , soluble , 1M , 20°C, clear, colorless	pass	Pass
Cell Culture Test	pass	Pass
Endonuclease Detection	None Detected	none detected



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager