

Certificate of Analysis

Date of Testing: 2025-01-11 09:47:20

Date of Next Testing: 2029-01-10 09:47:20

Product Name: **HEPPS**

CAS Number: 16052-06-5

Specifications & Purity: $\geq 99.5\%$ (T)

Lot #: A2510629

SKU #: **H110900**

Version: **0**

Analysis #: **305635**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
UV Absorbance 290nm(33%,H ₂ O)	0-0.1	0.07
Ammonia (NH ₃)	0-0.1 (%)	0.03 %
Purity (Titration by NaOH)(anhydrous)	99.5-100.5 (%)	100.40 %
Water by Karl Fischer	0-0.1 (%)	0.04 %
Appearance (H110900)	white to off-white crystalline powder	white to off-white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Light Yellow	pass	Pass
Clear25g/50 ml		



John Su
QA & QC Manager