

Certificate of Analysis

Date of Testing: 2024-12-23 11:09:42

Date of Next Testing: 2028-12-22 11:09:42

Product Name: **CHAPS**

CAS Number: 75621-03-3

Specifications & Purity: $\geq 99\%$

Lot #: L2419674

SKU #: **C573615**

Version: **1**

Analysis #: **453566**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.46 %
Carbon by Elemental Analysis(anhydrous)	61.0-63.5 (%)	61.14 %
Nitrogen by Elemental Analysis (anhydrous)	4.45-4.65 (%)	4.63 %
Water by Karl Fischer	0-3 (%)	1.88 %
Solubility in H ₂ O,colorless and clear(50mg/ml)	Pass	Pass
Appearance(C573615)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager