

Certificate of Analysis

Date of Testing: 2024-11-21 15:33:24

Date of Next Testing: 2028-11-20 15:33:24

Product Name: **CHAPS**

CAS Number: 75621-03-3

Specifications & Purity: $\geq 98\%$

Lot #: K2419582

SKU #: **C105622**

Version: **1**

Analysis #: **432617**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	60.5-62.9 (%)	60.71%
Water by Karl Fischer	0-3 (%)	0.75%
Purity(HPLC)	98-100 (%)	98.31200%
Nitrogen by Elemental Analysis	4.4-4.6 (%)	4.58%
Appearance (C105622)	white powder	White powder
Mass spectrum	Conforms to standard	Conforms to standard
Solubility in H ₂ O , colorless and clear (50mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager