

Certificate of Analysis

Date of Testing: 2023-09-13 15:42:40

Date of Next Testing: 2027-09-12 15:42:40

Product Name: **CHAPS**

CAS Number: 75621-03-3

Specifications & Purity: 98%

Lot #: I2311763

SKU #: **C105622**

Analysis: **252698**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	60.5-62.9 (%)	60.90%
Purity(HPLC)	98-100 (%)	98.89000%
Water by Karl Fischer	0-3 (%)	1.93%
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