

# Specification

## Technical Data Sheet

<b>Product Name</b>	CHAPS(3-((3-Cholamidopropyl)dimethylammonio)propanesulfonate)
<b>Product No</b>	90005195
<b>CAS Number</b>	75621-03-3
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	614.88
	<b>Specification</b>
<b>Appearance</b>	White powder
<b>IR</b>	Comparable to reference
<b>Loss on Drying</b>	≤2%
<b>Nitrogen</b>	4.46 - 4.65
<b>Solvent Content (by GC) Dimethylformamide</b>	≤2.0%
<b>TLC</b>	One spot

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<b>UV (5% in H2O) A290nm</b>	$\leq 0.5$
<b>UV (5% in H2O) A400nm</b>	$\leq 0.02$
<b>Assay HPLC</b>	$\geq 98\%$
<b>Conductivity (0.1M in H2O)</b>	$\leq 10\mu\text{s/cm}$
<b>Solubility (10 % in H2O)</b>	Clear and colourless

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