

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **N-Lauroylsarcosine sodium salt**
Specifications & Purity: UltraBio™, Suitable for molecular biology, Ultra pure, ≥99%(HPLC)
SKU #: **N476195**

Parameter	Limit Values
Appearance(N476195)	Colorless or White Powder
Assay(Titration by HCLO4 0.1M)	99-101 (%)
Purity(HPLC area)	99-100 (%)
Loss on drying	0-1 (%)
traces peroxide (as H2O2)	0-100 (ppm)
Aluminium(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Total sulfur as SO4 (ICP)	0-50 (ppm)
Chloride (Cl-)	0-50 (ppm)
Dnases, Rnases, Proteases, Phosphatases	None Detected
Solubility (8.80g in 30ml H2O(1M)clear colorless))	Pass
PH(1M Water)	7-9
Residue (filter test)	no residue
UV Absorbance 260nm(at 1M in H2O)	0-0.2
UV Absorbance 280nm(at 1M in H2O)	0-0.06