



Product Sheet

■ LDS

Lithium Dodecyl Sulfate or
Lithium Lauryl Sulfate

PRODUCT NUMBER 10-1758

$\text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3\text{Li}$

M.W. 272.4

APPEARANCE White powder

ASSAY 98.0% minimum as C_{12} (by GC)
99.0% minimum purity as FAS

ABSORBANCE 3% aqueous solution
@405nm < 0.01 abs
@280nm < 0.05 abs
@230nm < 0.3 abs

HEAVY METALS 5 ppm (as Pb) Maximum

PHOSPHATE 1 ppm Maximum

ACIDITY/ALKALINITY (pH) 7.0 ± 1.0

PACKAGING Available in bulk quantities
and custom packaging.

STORAGE Cool, dry place.

USE Specially purified for denaturing
polyacrylamide gels, and for use in
DNA and RNA extraction procedures.
Higher solubility in H_2O and ETOH than
sodium dodecyl sulfate.