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## Product Information

### N-Lauroylsarcosine sodium salt solution

Product Number **L7414**  
Store at Room Temperature

#### Product Description

Molecular Formula:  $C_{15}H_{28}NNaO_3$   
Molecular Weight: 293.4  
CAS Number: 137-16-6  
 $\lambda_{max}$ : 220 nm, 265 nm<sup>1</sup>  
Extinction coefficient:  $E^M = 3$  (280 nm)<sup>1</sup>  
Critical Micelle Concentration (CMC): 14.57 mM  
(30 °C)<sup>2</sup>

This product is a 20% aqueous solution. It is tested for the absence of protease and nucleases, It is recommended for hybridization solutions and microarray spotting solutions.

This product is an anionic detergent.<sup>1</sup> It aids in the solubilization and separation of membrane proteins and glycoproteins.<sup>3</sup> It has been used to indicate paramagnetic anisotropy sign change in micelle mesophase.<sup>4</sup> It inhibits hexokinase.<sup>5</sup> Inhibition of bacterial flora of human saliva/gut at 0.25% as well as fungistatic activity in aqueous dispersion (1%) have been reported.<sup>6</sup>

The IR spectrum has been reported.<sup>7</sup>  
A method for determination of sodium laurate content in N-Lauroylsarcosine has been reported.<sup>8</sup>

#### Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

#### References

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