

## CERTIFICATE OF ANALYSIS

PRODUCT:	<b>NDSB-201</b> [3-(1-Pyridino)-1-propane Sulfonate] C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> S, M.W. 201.2, CAS# [15471-17-7]
PRODUCT NUMBER:	D-1119
LOT NUMBER:	G1268
APPEARANCE:	White powder
SOLUBILITY:	Soluble in water (50 mg/ml H <sub>2</sub> O)
PURITY (BY TITRATION):	>99%
DESCRIPTION:	A member of the class of nondetergent sulfobetaines. Unlike CHAPS and other zwittergents, NDSBs are nondenaturing even at 1 M concentrations. NDSBs have been used to improve the efficiency of solubilization of membrane proteins, to isolate nuclear proteins, to chromatographically purify halophilic proteins in low ionic strength buffers, and to crystallize proteins. They are zwitterionic over a wide pH range and do not absorb significantly in the near UV range. Reported to prevent protein aggregation and facilitate the renaturation of chemically and thermally denatured proteins. NDSBs can be easily removed by dialysis.
STORAGE & HANDLING:	Store desiccated at +20°C. Stock solutions are stable for up to 3 months at +20°C. <b>HYGROSCOPIC!</b> <b><i>WARNING: IRRITANT!</i></b> CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: LA