

N-OCTYL-BETA-D-GLUCOPYRANOSIDE (ULTRAPURE)

ITEM NO. LSHB-OP-2000000781-5G

HUB PRODUCTS

PRODUCT DATASHEET

For Research Use Only

DESCRIPTION:

Non-ionic detergent for the functional solubilization, isolation, purification and crystallography of membrane proteins. Mild, non-denaturing detergent that is used for the solubilization and reconstitution of membrane-bound proteins in their native state and for the preparation of lipid vesicles. Its well-defined chemical structure, small uniform micelles and high water solubility make it superior to most other non-ionic detergents for membrane solubilization. The high critical micelle concentration (0.7%) of n-octylglucoside facilitates ready removal from final protein extracts by dialysis or gel filtration. Used in lysis and solubilisation buffers for bacterial lipoprotein preparations, mitochondrial extracts or for determination of protein content by BCA assay. Can be used in 2D electrophoresis and to improve selectivity of immunoprecipitation of phosphotyrosine modified proteins and to increase the resolution of proteins in 2D gels.

SPECIFIC AGAINST:

Other

BACKGROUND:

TYP:

Chemicals

CATEGORY:

Reagents & Chemicals/Biochemicals/Carbohydrates & Derivatives

DETAILED - CATEGORY:

Biochemical Compounds

HOW TO HANDLE/USE THE PRODUCT:

STORAGE CONDITIONS:

Stable for 3 years after receipt when stored at -20°C.

STORAGE BUFFER:

Powder

SHIPPED ON DRY ICE:

No

