



SPECIFICATION

N-Acetyl-D-lactosamine

Product Code:	OA08244
Synonyms:	LacNAc Galactopyranosyl-b-1,4-N-acetyl-D-glucosamine 2-Acetamido-2-deoxy-D-lactose
CAS Number:	32181-59-2
Chemical Formula:	$C_{14}H_{25}NO_{11}$
Molecular Weight:	383.35

TECHNICAL SPECIFICATION

Appearance:	White to off-white powder
Purity (TLC):	min 98%
Specific optical rotation [α] _D	+27.5 to +30.0° ²⁰ (c=1, H ₂ O):
Water content (Karl Fischer):	max 8%
Identity (¹ H NMR):	Conforms to structure
Solubility (50mg/ml):	Clear, colourless solution