



Product Specification

Product Name: 4-Nitrophenyl-N-acetyl- β -D-galactosaminide; PNP- β -D-GalNAc
Cat #: N-200
CAS #: 14948-96-0
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (0.5% in DMF/water 1:1)	almost colorless to slightly yellow
Color of Solution (0.5% in DMF)	yellow to yellow-green
Water Content (K. Fischer)	max. 6.0%
Purity (TLC)	min. 98%
Free p-Nitrophenol (UV)	max. 0.1%
TLC (50 mg in 10 ml of DMF/Water 1:1; 1-butanol/acetic acid/water 3:1:1; UV 254 nm, sulfuric acid reagent and heat)	corresponds to reference material
Specific Rotation $[\alpha]_D$ (c = 0.1 in water)	+17.0 to +21.0
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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