

3184 – O-NITROPHENYL-β -D GALACOPYRANOSIDE (ONPG)

REF NO: TBL/QA/SS/LC/3184	STANDARD SPECIFICATION FOR O-NITROPHENYL-β -D GALACOPYRANOSIDE (ONPG)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 3184

PRODUCT PROPERTIES

C.A.S Number	369-07-3
Chemical Formula	C ₁₂ H ₁₅ NO ₈
Formula weight	301.25
Functional Uses	ONPG is used in colourimetric and spectrophotometric assays for the detection of β-galactosidase activity which are of interest in clinical, environmental, food and molecular biology sectors.
Standard Packaging	500 mg, 1 gm.& 5 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	186 – 193°C
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

