

Specification Sheet

SIGMA-ALDRICH

Product Name	β -Glucuronidase from <i>Escherichia coli</i> , Type VII-A, lyophilized powder, 5,000,000-20,000,000 units/g protein, pH 6.8 (30 min assay)
Product Number	G7646
Product Brand	SIGMA
CAS Number	9001-45-0
Storage Temp	-20°C

TEST**SPECIFICATION****APPEARANCE**

OFF-WHITE TO TAN POWDER

SOLUBILITYCLEAR TO SLIGHTLY HAZY, COLORLESS TO FAINT YELLOW
SOLUTION AT 15 MG/ML IN 0.075 M POTASSIUM PHOSPHATE, PH
6.8**PROTEIN BY BIURET**

APPROX. 25%

ENZYMATIC ACTIVITY

5,000,000 TO 20,000,000 UNITS/GM PROTEIN

975,000 TO 6,100,000 UNITS/G SOLID

UNIT DEFINITIONONE SIGMA OR MODIFIED "FISHMAN" UNIT UNIT WILL
LIBERATE 1.0 MICROGRAM OF PHENOLPHTHALEIN FROM
PHENOLPHTHALEIN GLUCURONIDE PER HOUR AT PH 6.8 AT 37
DEG C.**RECOMMENDED RETEST**

8 YEARS

DOCUMENT #

G7646/10/13/10/4