

5-Bromo-4-chloro-3-indolyl-beta-D-galactopyranoside

(X-beta-D-galactoside; X-beta-D-gal; X-Gal)

Molecular Biology Grade

Ref. EU0012**Lot N°:**

CAS N°: [7240-90-6]
Formula: C₁₄ H₁₅ Br Cl N O₆
MW: 408.64
Appearance: White to off-white powder
Assay: 99.6 %
Solution: Clear (2% in DMF)
Water content: 0.18 %_{w/w}
Specific rotation: [α]_{20,D} -61.9 ° (C=1 in water/DMF 1:1)

DNase activity: Not detected**RNase activity:** Not detected**Protease activity:** Not detected

Storage: Store in deep freeze (below -15°C)
X-gal and Bluo-Gal are normally reconstituted in dimethylformamide (DMF) as a 2% stock solution. Alternatively, they can be dissolved in 100% DMSO. Aliquot before storing since DMSO freezes at 20°C. These solutions are stable for >1 year at -20°C or for several weeks at 4°C. Solutions should be stored in a glass tube with a screw cap wrapped in foil

Safety: Avoid contact with skin, eyes and clothing.

**Attention****H302** Nocif en cas d'ingestion.**H312** Nocif par contact cutané.**H332** Nocif par inhalation.**P262** Éviter tout contact avec les yeux, la peau ou les vêtements.