

# Specification



## X- Gal Molecular Biology grade

**A4978**

<b>Synonym</b>	5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside
<b>Melting point</b>	223°C (dec.)
<b>Formula</b>	C <sub>14</sub> H <sub>15</sub> BrClNO <sub>6</sub>
<b>M</b>	408.63 g/mol
<b>CAS-No.:</b>	7240-90-6
<b>HS-No.:</b>	29349990
<b>EC-No.:</b>	230-640-8
<b>Storage:</b>	-20°C protected from light
<b>Specification</b>	
<b>DNases/RNases/Proteases</b>	not detectable
<b>Assay (HPLC)</b>	min. 99 %
<b>α20°C/D; 1 %, DMF (50 %)</b>	-62° ± 2°
<b>Water (K.F.)</b>	max. 1 %