

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside (X-Gal)
Specifications & Purity:	$\geq 98\%$
SKU #	X108836

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-72--60 (°)
Appearance (X108836)	White or off-white powder
Proton NMR spectrum	Conforms to Structure
Soluble in DMF(5% w/v),Colorless to Faint Green-Yellow,Clear	Pass