



## CERTIFICATE OF ANALYSIS

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Product	X-Galactosamidide
Grade	Ultra Pure
Product Code	X714501
Formula	C <sub>16</sub> H <sub>18</sub> BrCIN <sub>2</sub> O <sub>6</sub>
MW	449.68
CAS#	129572-48-1
Lot No	

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Test Items	Specifications	Results
Appearance	white to off-white crystalline powder	
Solution (0.5 % in ethanol)	colorless, clear	
Water Content	< 4.0 % (theoretical for monohydrate: 3.85%)	
Purity(HPLC)	>98.0 area-%	
Specific Rotation (c=0.5 in DMF)	[α] <sub>D</sub> - 74.5 ± 1.5	
Specific Rotation (c=0.5 in methanol)	[α] <sub>D</sub> - 44.0 ± 1.5	
FTIR	consistent with assigned structure	

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Storage: -20°C