



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

Corporate Headquarters
AMRESKO, LLC
6681 Cochran Road
Solon, Ohio USA 44139-4300
440/349-1199 FAX: 440/349-1182
www.amresco-inc.com
Email: info@amresco-inc.com

CERTIFICATE OF QUALITY

Product: ISOPROPYL-B-D-THIOGALACTOPYRANOSIDE
Grade: ULTRA PURE GRADE
Code: J436
Appearance: White crystalline powder
Mol. Formula: C9H18O5S
Mol. Weight: 238.31

Description:

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Abs.@300nm (5%, Water)		0.13		PASS
Abs.@400nm (5%, Water)		0.06		PASS
Dioxane		NONE	P/F	PASS
Identification (IR)	PASS		P/F	PASS
Melting Point	110	114	Degrees C	PASS
Moisture (KF)		1.0	%	PASS
pH (5%, Water) @25C	5	7		PASS
Purity	99.0		%	PASS
Solubility (5%, Water)	PASS		P/F	PASS
Specific Rotation (1%, Water)	-34.5	-28.5	degrees	PASS

Storage: Store frozen. Keep dry. Warm to room temperature before opening.

J436UP

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:

Title:

QC MANAGER

Date:

6/13/2012