

ALKEN-MURRAY CORPORATION	TITLE: XYLOSE LYSINE DESOXY- CHOLATE (XLD) PREPARATION	NO. QC-18
MICROBIOLOGICAL DIVISION	QUALITY CONTROL	REV: 2
		PAGE 1 OF 1

ALKEN-MURRAY CORPORATION

P. O. Box 400, New Hyde Park, NY 11040
 TELEPHONE 540-636-1236 - Fax 540-636-1770

QUALITY CONTROL METHOD -18

Preparation of Xylose Lysine Desoxycholate (XLD) Agar

Description:

This quality control procedure is designed to verify that XLD agar is obtained and stored properly. This agar is required in quality control procedure QC-3, for the isolation and differentiation of *Shigella* contamination. This procedure should be performed by a trained laboratory technician.

Ingredients:

XLD agar (Difco #0788-17-9 or Weber #3090-60)

Equipment:

Erlenmeyer flask with screw cap (double the volume of media beign prepared)
 Heated stirrer plate
 Screw cap test tubes
 Autoclave
 Steri-Wrap II (green)
 Rapid-Flo gauze milk filter disk

Procedure:

1. Purchase XLD Agar from an approved source.
2. Place a label on package with expiration date marked in bold RED letters
3. Store agar in the refrigerator, in the dark, until used.
4. Prepare agar using general procedure outlined in QC-11, or follow label directions.
5. Discard agar after its expiration date.