

CERTIFICATE OF ANALYSIS

PRODUCT NAME: LDAO, 1g Lauryldimethylamine-N-oxide

PRODUCT NUMBER: A65503

LOT NUMBER: ZC395252

SPECIFICATIONS:

VISUAL: Lyophilized powder

RESULTS:

VISUAL: Lyophilized powder

PURITY: 99.1% by HPLC analysis

ABSORBANCE (1% IN D.I. WATER):

340nm: 0.000

280nm: 0.004

260nm: 0.005

FLUORESCENCE (0.1 IN 0.01% BSA):

Excitation wavelength: 280nm

Emission wavelength: 345nm

% due to detergent: 0.80%

pH (1% SOLUTION): 6.8

SOLUBILITY IN WATER: ≥30% at 20 Degrees C

CONDUCTANCE (10% SOLUTION): 29.5μS

PEROXIDE (10% SOLUTION): 60.2μM

Publish Date: 4/9/2024

Liam F. Garrity, Senior Manager, Analytical Services
Laboratory



[Rev.001]

Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product label.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals.

Pierce Biotechnology (800) 874-3723 tel
3747 N. Meridian Road (815) 968-0747 tel
Rockford, IL 61101 USA

(815) 968-7316 fax
www.thermoscientific.com/pierce