

Certificate of Analysis

SIGMA-ALDRICH®

Product Name	Lignoceric acid, ≥99% (GC)
Product Number	L6641
Product Brand	SIGMA
CAS Number	557-59-5
Molecular Formula	CH ₃ (CH ₂) ₂₂ COOH
Molecular Weight	368.64
Storage Temp	2-8°C

TEST

SPECIFICATION

LOT 27H8428 RESULTS

APPEARANCE

WHITE POWDER

SOLUBILITY

CLEAR COLORLESS
SOLUTION AT 50 MG/ML
OF CHLOROFORM

IR SPECTRUM

CONSISTENT WITH
STRUCTURE

PURITY BY GAS
CHROMATOGRAPHY

99.5%

PURITY BY THIN LAYER
CHROMATOGRAPHY

GREATER THAN 99%

QC RELEASE DATE

MAY 1997



Rodney Burbach, Manager
Quality Control
St. Louis, Missouri USA