

# CERTIFICATE OF ANALYSIS (COA)

REPORT OF PHYSICAL AND CHEMICAL ANALYSIS / QUALITY CERTIFICATE  
 TO THE BEST OF OUR KNOWLEDGE, WE CERTIFY THE INFORMATION IS TRUE AND CORRECT.

PRODUCT:	CRUDE GLYCERINE		
CERTIFICATE DATE:		DATE OF PRODUCTION:	
CERTIFICATE N°:		EXPIRY DATE:	
BATCH N°:		DATE OF COMPLETION OF TESTS:	
SHIPPED ON BOARD DATE:			
SUPPLIER:	MERIDIONAL TCS INDUSTRIA E COMERCIO DE OLEOS S/A		
COUNTRY OF ORIGIN:	BRAZIL	DOCUMENTARY CREDIT NUMBER / LC NUMBER:	NHIL

PHYSICAL - CHEMICAL RESULTS			
PARAMETER	TEST METHOD	CONTRACT SPECIFICATIONS	RESULT
ASPECT (@20°C)	VISUAL	VISCOUS LIQUID. COLOR: DARK YELLOW TO DARK BROWN	VISCOUS LIQUID. COLOR: DARK YELLOW TO DARK BROWN
SMELL	OLFACTORY	CHARACTERISTIC	CHARACTERISTIC
GLYCERIN (%)	AOCS Ea 6-04	> 80.00	82.84
WATER (%)	AOCS Ea 8-58	< 15.00	12.47
SALT (% NaCl)	AOCS Ea 2-38	< 7.00	3
SPECIFIC WEIGHT AT 20°C (Kg/L)	AOCS Ea 7-85	1.23 - 1.25	1.23
METHANOL (%)	CHROMATOGRAPHY	< 1.00	< 1.00
ASH (%)	AOCS Ea 2-38	< 7.00	2.97
MOHS (%)	ISO 2464	< 4.00	1.72

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