



CERTIFICATE OF ANALYSIS

DOW U.S.A.

 THE DOW CHEMICAL COMPANY
 P.O. BOX 188
 PLAQUEMINE, LA 70765-0188

DESCRIPTION OF MATERIAL VINYL CHLORIDE MONOMER	SOURCE VESSEL T-160'S	
DOW SITE (CITY, STATE, COUNTRY) LOUISIANA DIVISION - PLAQUEMINE, LOUISIANA	SPECIFICATION NUMBER 91575	
AMOUNT, PACKAGE TYPE 25,000 GALLON TANK CAR	DATE LOADED 4-6-93	DATE SHIPPED 4-7-95
CUSTOMER NAME & ADDRESS VISTA POLYMERS ABERDEEN, MS.	DOW ORDER NUMBER 8337482	VEHICLE NUMBER TILX 400032

ITEM, UNIT OF MEASURE, TEST VALUE

ITEM	UNIT	AVERAGE VALUE (1)	RANGE (2)
PROPYLENE	PPM WT	<u>0.94</u>	<u>0.1</u>
N-ACETYLENE	PPM WT	<u><0.2</u>	
1,3 BUTADIENE	PPM WT	<u>0.55</u>	<u>0.13</u>
METHYL CHLORIDE	PPM WT	<u>21.65</u>	<u>1.7</u>
ETHYL CHLORIDE	PPM WT	<u><0.5</u>	
VINYL ACETYLENE	PPM WT	<u>1.35</u>	<u>0.04</u>
ETHYLENE DICHLORIDE	PPM WT	<u><0.2</u>	
WATER	PPM WT	<u>3.105</u>	<u>0.55</u>
ACIDITY	PPM WT	<u>0.07</u>	<u>0.06</u>
IRON, NON-FILTERABLE	PPM WT	<u>0</u>	
PURITY (3)	%	<u>99.99</u>	
NON-VOLATILE RESIDUE	PPM WT	<u><25</u>	
OXYGEN	PPM VOL	<u><200</u>	
NIR & LEAK CHECK COMPLETE	YES/NO	<u>yes</u>	

(1) AVERAGE VALUE IS THE AVERAGE OF ALL SAMPLES TAKEN DURING THE LOADING DAY WITH A MINIMUM OF TWO SAMPLES TAKEN IMMEDIATELY BEFORE AND AFTER LOADING T/C'S. SAMPLES ARE TAKEN FROM THE PIPELINE AT THE LOADING RACK. AN EXCEPTION TO THE ABOVE IS:

A. NON-VOLATILE RESIDUE SAMPLE TAKEN FROM STORAGE SPHERES WEEKLY.

(2) RANGE IS DIFFERENCE BETWEEN THE MAXIMUM AND MINIMUM VALUES USED TO CALCULATE THE AVERAGE VALUE.

NON-VOLATILE RESIDUE AND WATER NOT INCLUDED.

Lonny P. Wallace
 DOW USA REPRESENTATIVE