



CERTIFICATE OF ANALYSIS

DOW U.S.A.

 THE DOW CHEMICAL COMPANY
 P.O. BOX 180
 PLAQUEMINE, LA 70768-0180

DESCRIPTION OF MATERIAL VINYL CHLORIDE MONOMER	SOURCE VESSEL T-16015	
DOW SITE (CITY, STATE, COUNTRY) LOUISIANA DIVISION - PLAQUEMINE, LOUISIANA	SPECIFICATION NUMBER 91575	
AMOUNT, PACKAGE TYPE 25,000 GALLON TANK CAR	DATE LOADED 4-7-93	DATE SHIPPED 4-7-93
CUSTOMER NAME & ADDRESS VISTA POLYMERS ABERDEEN, MS.	DOW ORDER NUMBER 8345998	VEHICLE NUMBER UTLX 92087

ITEM, UNIT OF MEASURE, TEST VALUE

ITEM	UNIT	AVERAGE VALUE (1)	RANGE (2)
PROPYLENE	PPM WT	.855	.01
N-ACETYLENE	PPM WT	0	
1,3 BUTADIENE	PPM WT	.54	.02
METHYL CHLORIDE	PPM WT	20.705	.03
ETHYL CHLORIDE	PPM WT	0	
VINYL ACETYLENE	PPM WT	1.465	.29
ETHYLENE DICHLORIDE	PPM WT	0	
WATER	PPM WT	3.525	.37
ACIDITY	PPM WT	.09	.02
IRON, NON-FILTERABLE	PPM WT	0	
PURITY (3)	%	99.99%	
NON-VOLATILE RESIDUE	PPM WT	2.25	
OXYGEN	PPM VOL	2200	
NIR & LEAK CHECK COMPLETE	YES/NO	YES	

(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.

(3) N-VOLATILE RESIDUE AND WATER NOT INCLUDED.

Stephen A. McMillan
 DOW USA REPRESENTATIVE

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