

CERTIFICATE OF ANALYSIS

897-16881

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INVOICE DATE	OUR ORDER NO. 897-16881	YOUR ORDER NO.	TERMS Vanguard Distribution Atlanta, GA
DATE SHIPPED	SHIP VIA		

DESCRIPTION OF GOODS

MORPHOLINE
PACKED IN 441 LB NET WT DRUMS

UN2054, MORPHOLINE, 8, (3), PG I
CORROSIVE / FLAMMABLE

REPORT OF ANALYSIS

PROPERTIES	SPECIFICATIONS	Lot #: 20090825 RESULTS
Purity, %	99.0 min.	99.56
Color, APHA	10 max.	<10
Density (20 °C)	0.999 - 1.002	0.9999
Boiling range, °C	126 - 129	127.0 - 129.0

THE DATA ABOVE ARE THOSE CERTIFIED BY THE MANUFACTURER.

"WE HEREBY CERTIFY THE ABOVE TO BE TRUE AND CORRECT."

ALLCHEM INDUSTRIES
INDUSTRIAL CHEMICALS GROUP, INC.