ADEKA CORPORATION

ADDRESS : 7-2-35 Higashi-ogu, Arakawa-ku, Tokyo 116-8554, Japan

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DATE: 13-December-2016

To whom it may concern:

CERTIFICATE OF ANALYSIS

Dear sir:

We, the manufacturer, hereby certify that the undermentioned commodity has been passed our inspections and also been qualified as Export Standard.

COMMODITY : AMMONIUM PERSULFATE

QUANTITY :

 $9,000.000 \, \text{kg(s)}$ ($1000.00 \, \text{kg(s)}$ net $\times 9 \, \text{PALUN}$)

LOTNO.

INSPECTION DATE: 08-December-2016

INSPECTION:

<item></item>	(UNIT>	<result></result>	<specification></specification>
Assay	%	99, 6	98.0 ≦
Miscibility with Water	Within the boundary	Passed	
Ignition Residue	%	≦ 0.006	⁶ ≤ 0.100
Ch lor ide	%	≦ 0.002	≦ 0.005
Fe	mgg	≦ 2	≦ 10
Heavy Metals	ppm	≦ 4	≦ 30
Mn	ppm	≦ 0,5	≦ 1.0

ADEKA CORPORATION

Marakatan Matenahita

MASAKATSU MATSUSHITA

QUALITY ASSURANCE SECTION: FUJI PLANT