JINAN JIUAN ESTER CHEMICAL CO.,LTD.

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CERTIFICATE OF ANALYSIS

Product Name :	Urea	Country of Origin:	China
Batch No.:	20170502	Quantity:	500Kg
Manufacture Date:	May.11, 2017	Package:	25Kg/Drum
Expiry Date:	May.10, 2019	Standard:	USP

Item	Specification	Results	Test Method
Appearance	White crystalline granular powder	Conform	Visual
Assay (on a dry basis)	NLT 99%	99.22%	USP<461>
Loss on Drying	NMT 1.0%	0.18%	USP<731>
pH(10% aqua):	6.0-10.0	6.90	USP<791>
Chloride	NMT 0.007%	Conform	USP<221>
Sulfate	NMT 0.01%	Conform	USP<221>
Residue on Ignition	NMT 0.1%	0.02%	USP<281>
Heavy Metals	NMT 10 PPM	Conform	USP<231>
Arsenic	NMT 2 PPM	Conform	USP<211>
Lead	NMT 2 PPM	Conform	USP<251>
Total Plate Count	NMT 1000cfu/g	Conform	USP<61>
Yeast and Mold	NMT 100cfu/g	Conform	USP<61>
E.coli	Negative	Conform	USP<62>
Particle Size	Through 20 mesh	100%	USP<786>

Conclusion:
The test results correspond to USP39.

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