PRODUCT INFO
& DATASHEET

AMMONIUM CHLORIDE WITH ANTI-CAKING

PROPERTIES

Molecular weight		53.49
Sublimation point		340dgr. C.
Solubility in water	at 25dgr. C.	28.3 %
	at 0dgr. C.	22.9 %

SPECIFICATIONS:

	Specifications	Typical analysis	Method
NH_4Cl	99 % min.		Titrimetry
Humidity	0.5 % max.		Gravimetry
Armene C		0.06 % max.	FT-IR
Cl		65.7 % min.	Titrimetry
NH_4^+		33.3 % min.	Kjeldahl
N total		26.0 % min.	Kheldahl
SO_4		0.01 % max.	ICP
Fe		5 ppm max.	ICP
Na		40 ppm max.	ICP
K		40 ppm max.	ICP
Cd		1 ppm max.	ICP
Zn		1 ppm max.	ICP
Cu		1 ppm max.	ICP
Si		10 ppm max.	ICP
Ca		2 ppm max.	ICP
Mg		1 ppm max.	ICP
pH		≈ 5	Potentiometry
Organic matters		0.5 % (HMT-glycine)	max. HPLC
Color	L ≈ 89 a ≈ 0.65 b ≈ 2.7		Colorimeter

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