



CHOLINE CHLORIDE TECHNICAL DATA SHEET

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CHOLINE CHLORIDE SILICA FEED GRADE

ITEM		50% SILICA
Package		25KG/B or 500, 650, 750 KG/BIG BAG PE Inner + PP weave outer Bag
Carrier		Silica
Appearance		White color powder
Choline chloride/%		Min 50
Evaluate as Choline Hydroxide/%		43.2
Evaluate as Choline Ion/%		37.1
Particle size		<600µm >99%
Bulk density/(kg/m ³)		≥ 0.6
Moisture/%		Max 18
Trimethylamine residual/ppm Free Amine (As TMA)/ppm		Max 200
Urotropine		No Detected
Heavy Metal	Lead (Pb)/ppm	Max 10
	Cadmium (Cd)/ppm	Max 1
	Mercury (Hg)/ppm	Max 0.05
	Arsenic(As)/ppm	Max 10
	Total (As Pb)/ppm	Max 20
Dioxins/ppt		Max 1

- ❖ No un-allowed materials according to <Catalogue of feed materials>(COMMISSION REGULATION (EU)NO. 68/2013)
- ❖ Choline chloride content is based on wet base. Means choline chloride content is 50%, silica content is 30~34%, water content is 16~20%.
- ❖ Test results are influenced by different method.