

A15



Gulbrandsen Chemicals

CERTIFICATE OF ANALYSIS

DATE:	21.11.2015	P.O.#:	DWP151106
PRODUCT:	Aluminum Chloride, Anhydrous (AlCl ₃)	GRADE:	GRANULES
LOT #:	4301 15KNANG069	CONTAINER NO #(S):	DFSU 126479-0
QUANTITY:	10.00 MT	SEAL #(S):	B-328339

S.NO	PARAMETERS	(UOM)	SPECIFICATIONS	RESULTS
1.	Assay (By sublimation)	%	99.30 Min.	99.88
2.	Iron Content as Fe	Mg/kg	75 Max.	15
3.	Water Insoluble	Mg/kg	400 Max.	120
4.	Colour		Yellow to Grey	Yellow to Grey
5.	Clarity of 10% solution in water	Mg/kg	Clear	Clear
6.	Free Aluminium		50 Max.	5.8
7.	Heavy Metals (Cr, Ni, Cu+Pb+Zn)	Mg/kg	150 Max.	2.75
8.	Non-Volatiles	%	0.8 Max.	0.05
9.	Particle size Distribution			
	(i) +5.0 mm	%	5% Max.	1.09
	(ii) 1.41 - 5.0 mm	%	85% Min.	92.99
	(iii) 0.0 - 1.41 mm	%	10% Max.	05.92

1. Mode of Packing = 10.00 M.T. (01 X 250 KGS.X 40 DRUMS)
2. DRUM NOS. = 609 - 648

CERTIFIED BY:

H. L. RATHORE
(MANAGER- Q.C.)

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Expanding our Chemistry