

Certificate of Analysis

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Product CAS No. N.W.	Acesulfame-K (Granular) 55589-62-3 2000.00kg	Batch Number MFG Date	20130322002 Mar.22, 2013 Mar.22, 2013	
G. W.	2265.00kg	Analysis Date		
Packing	25.0kg drum	Retest Date	Mar.21, 2015	
<u>Sr. No.</u>	<u>Items</u>	<u>Specification</u>	<u>Results</u>	
01	Appearance (25℃)	white, odorless, freely flowing crystalline powder having an intensely sweet taste	Confirms	
02	Solubility in water	Freely soluble	Confirms	
03	Solubility in Ethanol	Slightly soluble	Confirms	
04	Ultraviolet absorption	227±2nm	Confirms	
05	Test for potassium	Positive	Positive	
06	Precipitation test	Yellow precipitate	Confirms	
07	Assay, %	99.0~101.0	99.95	
08	Loss on Drying (105C, 2h), %	≤1.0	0.32	
09	Organic impurities, ug/g	≤20	<20	
10	Fluoride, mg/kg	≤3.0	<1.4	
11	Heavy metals, mg/kg	≤5.0	<5	
12	Lead, mg/kg	≤1.0	0.39	
13	PH (1 in 100 solution)	5.5~7.5	6.5	
14	Total plate count, cfu/g	≤250	20	
15	Coliforms-MPN, MPN/g	≤10	None	
16	Yeast & Molds, cfu/g	≤100	<10	
17	E.Coli	Negative	None	
18	Salmonella	Negative	None	
19	30-100mesh	100% pass through	100%	

Prepared by	Dong Mei	Checked by Wang	Tianyionat COMPLIES 1171	Approved by	Liu Wu
			TEST CHENICAL INDUSTRY		
Conclusion	The Quality o	f the above said is in conform	ty with USP-NE BP FP	cc	
Contraction		(~ [[]		
Storage	Stored in dry a	and ventilation place, far from v	heat and water.	13	
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