



February 9, 2016

INVOICE NO.816482E000

Certificate of Analysis of Disodium Succinate

1. Certificate of analysis

Item \ Lot No.	Unit	Specification	Result of analysis		
			5K08	5K09	5K10
Quantity	kg	—	5,400	4,500	4,500
Description	—	White crystalline powder. Odorless characteristic taste	Pass	Pass	Pass
Identification	—	Pass	Pass	Pass	Pass
Content	%	98.0~101.0	99.8	99.8	99.8
pH	—	7.0~9.0	8.1	8.1	8.1
Sulfate (as SO <sub>4</sub> )	%	0.019 max.	0.01max.	0.01max.	0.01max.
Heavy metals (as Pb)	μg/g	20 max.	10max.	10max.	10max.
Arsenic (as As <sub>2</sub> O <sub>3</sub> )	μg/g	4.0 max.	2max.	2max.	2max.
Readily oxidizable substances	minutes	3min.	5min.	5min.	5min.
Loss on drying	%	37.0~41.0	39.0	39.2	39.1

2. Testing method

According to the Japan's Standards for Food Additives



*A. Kakigawa*  
A. Kakigawa  
Deputy Manager  
Quality Control Section

MFG DATE :

LOT NO. 5K08 : 2015.11.08  
LOT NO. 5K09 : 2015.11.09  
LOT NO. 5K10 : 2015.11.10