

NIPPON SHOKUBAI CO., LTD.
Himeji Plant
992-1 Aza Nishioki Okinaka Aboshi-ku
Himeji, Hyogo 671-1282, Japan



NIPPON
SHOKUBAI
November 5, 2015

INVOICE NO.816233E000

Certificate of Analysis of Succinic Acid

1. Certificate of analysis

Item \ Lot No.	Unit	Specification	Result of analysis		
			5H29	5H30	
Quantity	kg	—	7,000	3,000	
Description	—	White crystalline powder. Odorless characteristic acid taste.	Pass	Pass	
Identification	—	Pass	Pass	Pass	
Content	%	99.0 min.	100.1	100.1	
Melting point	°C	185~190	186.8	186.8	
Heavy metals(as Pb)	µg/g	20 max.	10 max.	10 max.	
Arsenic (as As ₂ O ₃)	µg/g	4.0 max.	2.0 max.	2.0 max.	
Readily oxidizable substances	minutes	3 min.	5 min.	5 min.	
Residue on ignition	%	0.025 max.	0.01 max.	0.01 max.	

2. Testing method

According to the Japan's Standards for Food Additives.

MFG DATE :
LOT NO. 5H29 : 2015.08.29
LOT NO. 5H30 : 2015.08.30



A. Kakegawa
Deputy Manager
Quality Control Section