

 ® Przedsiębiorstwo Przemysłowo Handlowe „STANDARD” sp. z o.o. ul. Olszewskiego 10 20-481 LUBLIN POLAND Tel. +48 81 7100 500 fax. +48 81 7100 505 NIP 712-015-28-51 E-mail: chemia@standard.pl website: www.standard.pl	Number 4862 / 18	
	Issue date	23.02.2018
	Publication	1
Quality department		


Certificate of Quality

Product name	L-ASCORBIC ACID E300
Formula	C₆H₈O₆
Type	For food industry
Delivery Lot	4862 / 18 ()
Batch number(s)	171217-C02; 171225-C01; 171224-C02; 171215-C02; 171215-C01; 170930-C01;
Net weight	
Packaging	
Certificate used for	

No.	Parameters	Unit	Guaranteed parameters	Results					
				171217-C02	171225-C01	171224-C02	171215-C02	171215-C01	170930-C01
1.	Appearance	.	white or almost white, crystalline powder or colorless crystals	conforms	conforms	conforms	conforms	conforms	conforms
2.	Identification	.	according to regulation 231/2012/WE	conforms	conforms	conforms	conforms	conforms	conforms
3.	Heavy metals	max ppm	10	<10	<10	<10	<10	<10	<10
4.	Melting point	°C	189 - 193	190	190	190	190	190	190
5.	pH of 5% solution	.	2,1 - 2,6	2,27	2,22	2,29	2,23	2,24	2,23
6.	pH 2% solution	.	2,4 - 2,8	2,45	2,43	2,45	2,42	2,43	2,43
7.	Specific optical rotation	°	+20,5 ~ +21,5	+21,0	+21,0	+20,9	+21,0	+21,0	+21,0
8.	Apperance of solution	.	clear, < BY7	conforms	conforms	conforms	conforms	conforms	conforms
9.	Cu	max ppm	5	0,05	0,09	0,05	0,04	0,05	0,05
10.	Fe	max ppm	2	0,13	0,03	0,11	0,11	0,12	0,12
11.	Hg	max ppm	1	0,04	0,03	0,04	0,05	0,05	0,06
12.	As	max ppm	3	<3	<3	<3	<3	<3	<3
13.	Pb	max ppm	2	0,03	0,04	0,03	0,05	0,03	0,05
14.	Oxalic Acid	max %	0,2	<0,2	<0,2	<0,2	<0,2	<0,2	<0,2
15.	Loss on drying	max %	0,4	0,03	0,02	0,03	0,03	0,04	0,04
16.	Sulphate ash	max %	0,1	0,02	0,03	0,02	0,04	0,02	0,03
17.	Impurities C	max %	0,15	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01
18.	Impurities D	max %	0,15	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01
19.	Other impurities	max %	0,1	not detected	not detected	not detected	not detected	not detected	not detected
20.	Total Impurities	max %	0,2	not detected	not detected	not detected	not detected	not detected	not detected
21.	Methanol	max ppm	3000	57	<8,2	<8,2	68	72	40
22.	Total plate count	max cfu/g	1000	conforms	conforms	conforms	conforms	conforms	conforms
23.	Yeast & Moulds	max cfu/g	100	conforms	conforms	conforms	conforms	conforms	conforms
24.	E. Coli	.	absent	absent	absent	absent	absent	absent	absent
25.	Main component	%	99,0 - 100,5	99,4	99,6	99,4	99,3	99,5	99,2
26.	Norm	.	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC
27.	EU Number	.	E300	E300	E300	E300	E300	E300	E300

Certificate is issued according to producer / supplier quality certificate 1.

Production date: 17.12.2017 (171217-C02); 25.12.2017 (171225-C01); 24.12.2017 (171224-C02); 15.12.2017 (171215-C02); 15.12.2017 (171215-C01); 30.09.2017 (170930-C01); Expiry date: 16.12.2020 (171217-C02); 14.12.2020 (171225-C01); 13.12.2020 (171224-C02); 05.12.2020 (171215-C02); 05.12.2020 (171215-C01); 13.09.2020 (170930-C01);

Prepared by	Confirmed
<p>Anna Tomka (SD) data: 5.7.2018 2-23</p> 	<p>Iwona Skrzypek (SD) Kierownik Biura Kontroli Jakości</p> 