



® Przedsiębiorstwo Przemysłowo Handlowe „STANDARD” sp. z o.o.

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Number **21145 / 17**

Issue date **25.07.2017**

Publication **1**

Quality department

Certificate of Quality

Product name

ASCORBIC ACID E300

Formula

C₆H₈O₆

Type

For food industry

Delivery Lot

21145 / 17 ()

Batch number(s)

170517-C01; 170516-C01; 170515-C02;

Net weight

Packaging

Certificate used for

No.	Parameters		Unit	Guaranteed parameters	Results		
					170517-C01	170516-C01	170515-C02
1.	Appearance		.	white or almost white, crystalline powder or colorless crystals	conform	conform	conform
2.	Identification		.	according to regulation 231/2012/WE	conform	conform	conform
3.	Heavy metals	max	ppm	10	<10	<10	<10
4.	Melting point		°C	189 - 193	191	191	191
5.	pH of 5% solution		.	2,1 - 2,6	2,26	2,26	2,28
6.	pH 2% solution		.	2,4 - 2,8	2,41	2,47	2,48
7.	Specific optical rotation		°	+20,5 ~ +21,5	+21,0	+20,9	+21,1
8.	Apperance of solution		.	clear, < BY7	conform	conform	conform
9.	Cu	max	ppm	5	0,05	0,06	0,04
10.	Fe	max	ppm	2	0,12	0,12	0,12
11.	Hg	max	ppm	1	0,05	0,05	0,05
12.	As	max	ppm	3	<3	<3	<3
13.	Pb	max	ppm	2	0,05	0,04	0,02
14.	Oxalic Acid	max	%	0,2	<0,2	<0,2	<0,2
15.	Loss on drying	max	%	0,4	0,04	0,01	0,02
16.	Sulphate ash	max	%	0,1	0,02	0,02	0,02
17.	Impurities C	max	%	0,15	<0,01	<0,01	<0,01
18.	Impurities D	max	%	0,15	<0,01	<0,01	<0,01
19.	Other impurities	max	%	0,1	not detected	not detected	not detected
20.	Total Impurities	max	%	0,2	not detected	not detected	not detected
21.	Methanol	max	ppm	3000	100	74	53
22.	Total plate count	max	cfu/g	1000	conform	conform	conform
23.	Yeast & Moulds	max	cfu/g	100	conform	conform	conform
24.	E. Coli	.	.	absent	absent	absent	absent
25.	Assay	.	%	99,0 - 100,5	99,7	99,8	99,7
26.	Norm	.	.	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC
27.	EU Number	.	.	E300	E300	E300	E300

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

Production date: 17.05.2017 (170517-C01); 16.05.2017 (170516-C01); 15.05.2017 (170515-C02); Expiry date: 05.05.2020 (170517-C01); 04.05.2020 (170516-C01); 03.05.2020 (170515-C02);

Prepared by	Confirmed
<p>Anna Jankowska (SD) data: 2017-07-25</p>	<p>Iwona Skrzypek (SD) Kierownik Działu Kontroli Jakości</p>