



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

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Number **18464 / 17**

Issue date **29.06.2017**

Publication **1**

Quality department

Certificate of Quality

Product name

ASCORBIC ACID E300

Formula

C₆H₈O₆

Type

For food industry

Delivery Lot

18464 / 17 ()

Batch number(s)

170224-C01; 170301-C01;

Net weight

Packaging

Certificate used for

No.	Parameters		Unit	Guaranteed parameters	Results	
					170224-C01	170301-C01
1.	Appearance		.	white or almost white, crystalline powder or colorless crystals	conform	conform
2.	Identification		.	according to regulation 231/2012/WE	conform	conform
3.	Heavy metals	max	ppm	10	<10	<10
4.	Melting point		°C	189 - 193	191	191
5.	pH of 5% solution		.	2,1 - 2,6	2,33	2,32
6.	pH 2% solution		.	2,4 - 2,8	2,46	2,52
7.	Specific optical rotation		°	+20,5 ~ +21,5	+20,9	+21,1
8.	Apperance of solution		.	clear, < BY7	conform	conform
9.	Cu	max	ppm	5	0,19	0,04
10.	Fe	max	ppm	2	0,11	0,14
11.	Hg	max	ppm	1	0,04	0,06
12.	As	max	ppm	3	<3	<3
13.	Pb	max	ppm	2	0,03	0,05
14.	Oxalic Acid		max %	0,2	<0,2	<0,2
15.	Loss on drying		max %	0,4	0,02	0,04
16.	Sulphate ash		max %	0,1	0,02	0,02
17.	Impurities C		max %	0,15	<0,01	<0,01
18.	Impurities D		max %	0,15	<0,01	<0,01
19.	Other impurities		max %	0,1	not detected	not detected
20.	Total Impurities		max %	0,2	not detected	not detected
21.	Methanol		max ppm	3000	64	121
22.	Total plate count		max cfu/g	1000	conform	conform
23.	Yeast & Moulds		max cfu/g	100	conform	conform
24.	E. Coli		.	absent	absent	absent
25.	Assay		%	99,0 - 100,5	99,4	99,6
26.	Norm		.	BP/EP/USP/FCC	BP/EP/USP/FCC	BP/EP/USP/FCC
27.	EU Number		.	E300	E300	E300

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

Production date: 24.02.2017 (170224-C01); 01.03.2017 (170301-C01); Expiry date: 08.02.2020 (170224-C01); 16.02.2020 (170301-C01);

Prepared by	Confirmed
<p>Anna Jankowska (SD) date: 2017-06-29</p>	<p>Kierownik Działu Kontroli Jakości date: 2017-06-29 mgr Artur Paschke</p>