



® 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
E-mail: chemia@standard.pl website: www.standard.pl

Number **25133 / 17**

Issue date **04.09.2017**

Publication **1**

Quality department

Certificate of Quality

Product name ASCORBIC ACID E300
Formula $C_6H_8O_6$
Type For food industry
Delivery Lot 25133 / 17 ()
Batch number(s) 170619-C01;
Net weight
Packaging
Certificate used for

No.	Parameters	Unit	Guaranteed parameters	Results
				170619-C01
1.	Appearance	.	white or almost white, crystalline powder or colorless crystals	conform
2.	Identification	.	according to regulation 231/2012/WE	conform
3.	Heavy metals	max ppm	10	<10
4.	Melting point	°C	189 - 193	191
5.	pH of 5% solution	.	2,1 - 2,6	2,28
6.	pH 2% solution	.	2,4 - 2,8	2,44
7.	Specific optical rotation	°	+20,5 ~ +21,5	+21,0
8.	Appearance of solution	.	clear, < BY7	conform
9.	Cu	max ppm	5	0,06
10.	Fe	max ppm	2	0,13
11.	Hg	max ppm	1	0,04
12.	As	max ppm	3	<3
13.	Pb	max ppm	2	0,04
14.	Oxalic Acid	max %	0,2	<0,2
15.	Loss on drying	max %	0,4	0,05
16.	Sulphate ash	max %	0,1	0,02
17.	Impurities C	max %	0,15	<0,01
18.	Impurities D	max %	0,15	<0,01
19.	Other impurities	max %	0,1	not detected
20.	Total Impurities	max %	0,2	not detected
21.	Methanol	max ppm	3000	54
22.	Total plate count	max cfu/g	1000	conform
23.	Yeast & Moulds	max cfu/g	100	conform
24.	E. Coli	.	absent	absent
25.	Assay	%	99,0 - 100,5	99,7
26.	Norm	.	BP/EP/USP/FCC	BP/EP/USP/FCC
27.	EU Number	.	E300	E300

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

Production date: 19.06.2017 Expiry date: 10.06.2020

Prepared by	Confirmed
<p>Anna Jankowska (SD) data: 2017-09-04</p>	<p>Iwona Skrzypek (SD) data: 2017-09-04</p> <p>Kierownik Działu Kontroli Jakości mgr Artur Paschke</p>