

CERTIFICATE OF ANALYSIS

Product name	CALCIUM LACTATE E327
Formula	(CH₃CHOHCOO)₂Ca·5H₂O
Type	For food industry
Delivery Lot	25-002003
Batch number(s)	241103;
Production date:	03.11.2024
Best before end:	02.11.2028

No.	Parameters	Unit	Guaranteed parameters	Results 241103
1.	Appearance	.	white powder	conforms
2.	Test for lactate	.	positive result	conforms
3.	calcium presence test	.	positive result	conforms
4.	Solubility	.	Soluble in water; practically insoluble in ethanol	conforms
5.	Assay	%	98,0 - 101,0	98,5
6.	Loss on drying	%	22,0 - 27,0	24,9
7.	Kwasowość w s.m. j. kwas mlekowy	max %	0,5	<0,5
8.	pH of 5% solution	.	6,0 - 8,0	7,1
9.	Free acidity and alkalinity	.	wg FCC	conforms
10.	Volatile fatty acids	.	wg FCC	conforms
11.	Chlorides	max %	0,05	<0,05
12.	Sulphates	max %	0,075	<0,075
13.	Fe	max %	0,005	<0,005
14.	Fluorides	max %	0,0015	<0,0015
15.	Pb	max mg/kg	2,0	<2,0
16.	Hg	max mg/kg	1,0	<1,0
17.	As	max mg/kg	2,0	<2,0
18.	Heavy metals	max mg/kg	5,0	<5,0
19.	Reducing substances	.	no reduction of Fehling's solution	conforms
20.	EU Number	.	E327	E327