

Certificate of Analysis CA010961

Page 1 of 2

Version	1
Item Description	CremerAL Cetyl Alcohol C16/98 vegetable beads
Item No.	101981
Lot No.	C08I08IC15
External Lot Number	BSO104651
Order No.	SO113771
Production Date	08/09/2024
Retest Date	08/09/2026

Quality

non-GMO as per EU-Regulations dd. 22.09.2003 no. 1829/2003 and 1830/2003

Glossary:**LT:** Lower Tolerance**UT:** Upper Tolerance**NA:** Not analyzed**PT:** Passes test**PTSM:** Passes test supervised per monitoring

Feature / Inspection Feature	Target Value	LTL	UTL	Output Value	Unit of Measure
Specification Parameters					
Hydroxyl value Inspection Method: AOCS Cd 13-60		228,00	233,00	231,00	MG KOH/G
Saponification value Inspection Method: AOCS Cd 3-25			0,50	0,06	MG KOH/G
Acid value Inspection Method: AOCS Te 2a-64			0,100	0,010	MG KOH/G
Iodine value Inspection Method: AOCS Cd 1d-92			0,50	0,04	G J/100G
Colour Inspection Method: AOCS Cc 13a-43			10	< 5,0	APHA
Moisture content Inspection Method: AOCS Ca 2d-25			0,30	0,04	%
Solidification point Inspection Method: AOCS Cc 12-59		47,0	50,0	49,2	°C
C-Chain Distribution					
<=C14 Inspection Method: AOCS Ca 5d-01			2,00	0,30	%
C16 Palmitic acid Inspection Method: AOCS Ca 5d-01		98,00		99,30	%

Certificate of Analysis CA010961

Page 2 of 2

Feature / Inspection Feature	Target Value	LTL	UTL	Output Value	Unit of Measure
>C18 Inspection Method: AOCS Ca 5d-01			2,00	0,30	%
Hydrocarbons Inspection Method: AOCS Ca 5d-01			0,500	0,100	%

Remarks:

For quality related issues regarding this product please use the following contact details:

CREMER OLEO GmbH & Co. KG

1285 Doutor João Colin St., Joinville, Brazil

T + 55 47 3307 9404 | quality48@cremer-gruppe.com.br