

Certificate of Analysis



Company
LANXESS Corporation
111 RIDC Park West Drive
15275-1112 PITTSBURGH
Pennsylvania
USA

Date: 10.06.2024

Material No.

62609599

Material Description

KALAMA® SODIUM BENZOATE NF/FCC POWDER
IN 25 KG BAG (40 BAGS PER PALLET)

Customer Product No.

118101

Customer Order Data

Order No.
4000359188/000010

Your Order No.
201-144017 OD

Ship-to Party
4000239250 Connell Bros. Company Ltd.

Delivery Data

Delivery No.	Delivered Quantity	Planned Delivery Date	Vehicle ID
5000610920/000010	20,000 PAL	03.06.2024	HMMU6223470

Batch	Delivered Quantity	Date Of Manufacture	Best Before	Production Plant
KASBP45212	10,000 PAL	22.05.2024	22.05.2026	Manufactured at 1296 Third Street NW, Kalama Washington USA, 98625.
KASBP45213	10,000 PAL	26.05.2024	26.05.2026	Manufactured at 1296 Third Street NW, Kalama Washington USA, 98625.

The Certificate of Analysis lists the initial date of manufacture for this product. Our process operates 24 hours.

It is normal for a batch starting on this initial date to finish on a subsequent day or days. In such a case,
the printed date of manufacture on the 25 kg package will be later than the date on the Certificate of Analysis.

Product meets applicable NF, FCC and EP specifications.

A sample was taken according to procedure; the result of analysis was:



Certificate of Analysis



Batch	Material Description	Delivery No.	Planned Delivery Date
KASBP45212	KALAMA® SODIUM BENZOATE NF/FCC POWDER IN 25 KG BAG (40 BAGS PER PALLET)	5000610920/000010	03.06.2024
Inspection Method / Characteristic	Result	Specification	Unit
1) Visual examination App: White Powder	PASS		
2) EP Method Identification (Sodium and Benzoate)**	PASS		
3) EP method Assay**	100,2	99,0 - 100,5	%
4) FCC method Arsenic (as As), <1 ppm**	PASS		
5) NF method Heavy Metals (as Pb), <5 ppm**	PASS		
6) FCC method Lead, <2 ppm**	PASS		
7) EP Method Acidity <0.2 ml 0.1M NaOH/1g	PASS		
8) EP Method Alkalinity <0.2 ml 0.1M HCl/1g	PASS		
9) NF/FCC method Alkalinity (as NaOH)	0,00	0,00 - 0,04	%
10) EP method Loss on Drying	0,13	0,00 - 1,50	%
11) USP/NF method Residual Solvents**	PASS		
12) EP Method Color of Solution**	PASS		
13) EP Method Clarity of Solution (10% w/v Solution)	Clear		
14) EP Method Chlorine Ionised EP <200 ppm**	PASS		
15) EP Method Total Chlorine (EP) <300 ppm**	PASS		



Certificate of Analysis



Batch	Material Description	Delivery No.	Planned Delivery Date
KASBP45213	KALAMA® SODIUM BENZOATE NF/FCC POWDER IN 25 KG BAG (40 BAGS PER PALLET)	5000610920/000010	03.06.2024
Inspection Method / Characteristic	Result	Specification	Unit
1) Visual examination App: White Powder	PASS		
2) EP Method Identification (Sodium and Benzoate)**	PASS		
3) EP method Assay**	100,2	99,0 - 100,5	%
4) FCC method Arsenic (as As), <1 ppm**	PASS		
5) NF method Heavy Metals (as Pb), <5 ppm**	PASS		
6) FCC method Lead, <2 ppm**	PASS		
7) EP Method Acidity <0.2 ml 0.1M NaOH/1g	PASS		
8) EP Method Alkalinity <0.2 ml 0.1M HCl/1g	PASS		
9) NF/FCC method Alkalinity (as NaOH)	0,00	0,00 - 0,04	%
10) EP method Loss on Drying	0,13	0,00 - 1,50	%
11) USP/NF method Residual Solvents**	PASS		
12) EP Method Color of Solution**	PASS		
13) EP Method Clarity of Solution (10% w/v Solution)	Clear		
14) EP Method Chlorine Ionised EP <200 ppm**	PASS		
15) EP Method Total Chlorine (EP) <300 ppm**	PASS		



Certificate of Analysis



**Analysis performed on periodic basis.

The data presented above relate to characteristics. They do not represent any assurance or warranty. This information does not release the customer from the obligation to carry out incoming inspections of goods, either as agreed or as required under the regulations.

This information has been issued by computer and is valid without signature.

In case of enquiries please contact: FF_COA@lanxess.com

