

CERTIFICATE OF ANALYSIS

Document #: ENJ531021 | Issue Date: 19/08/2026

Product Name: SODIUM BICARBONATE

Category: FEED GRADE

Packing Size: 25 KG

Origin: JORDAN

Batch Size: 4829 KG

Batch No.: INTJ2606001

Production Date: 08/2026

Expiry Date: 08/2029

CHEMICAL SPECIFICATIONS:

PARAMETER	UNIT	SPECIFICATIONS
NAHCO ₃	%	99.3 MIN
NA ₂ CO ₃	%	0.5 MAX
CL ⁻	MG/KG	700 MAX
SO ₄ ²⁻	MG/KG	300 MAX
WATER INSOLUBLES	MG/KG	500 MAX
PB (LEAD)	PPM	0.1 MAX
AS (ARSENIC)	PPM	0.1 MAX
HG (MERCURY)	PPM	0.1 MAX
CD (CADMIUM)	PPM	0.1 MAX
FE (TOTAL)	PPM	10.0 MAX
F (FLUORINE)	PPM	150 MAX
SOLUBILITY	G/100 ML WATER	15.6 (60°C) 9.55 (20°C) 5.55 (0°C)
PH (%1 SOLUTION AT 25°C)	-	8.6 – 8.0
LOSS ON DRYING	%	0.25 MAX (OVER SILICA GEL, 4 HOURS)

PHYSICAL PROPERTIES:

PARAMETER	UNIT	SPECIFICATIONS
BULK DENSITY	G/CM ³	1.25–0.90
WHITENESS	%	L* = 95 MIN. (CIE LAB)
APPEARANCE	VISUAL	FREE FLOWING WHITE POWDER
PARTICLE SIZE	—	—
+75 MICRON (MM)	%	90–20
+45 MICRON (MM)	%	100–60

DIOXINS / SUM OF DIOXINS AND DIOXIN-LIKE PCBS:

PARAMETER	UNIT	SPECIFICATIONS
NAHCO ₃	NG/KG	0.5 MAX
NA ₂ CO ₃	NG/KG	1.0 MAX
SUM OF DIOXINS AND DIOXIN-LIKE PCBS	NG/KG	0.35 MAX
NON-DIOXIN-LIKE PCBS	μG/KG (PPB)	10 MAX

