



PMP FERMENTATION PRODUCTS, INC.
900 NE ADAMS STREET - PEORIA, ILLINOIS 61603
309-637-0400

CERTIFICATE OF ANALYSIS

Product Description:	SODIUM GLUCONATE FCC 50 LB	SO #:	SO-2405288
PMP Item Code:	71111	Shipment Date:	05/30/2024
Lot Number:	111315004	Customer Code #:	71111
Purchase Order #:	460268		

Test	Specification	Result
Appearance	White to Yellowish White Crystals	White to Yellowish White Crystals
Sodium Gluconate	98 - 102 %	99.8
Identification A	Positive for Sodium - Flame Test	Positive for Sodium - Flame Test
Identification B	Retention Times Match - HPLC	Retention Times Match - HPLC
pH (10% solution)	6.8 - 7.5	7.1
Reducing Substances	0 - 0.5 %	0.10
Loss on Drying	0 - 0.3 %	0.00
Color	0 - 0.02 ABU	0.005
Clarity	0 - 0.02 ABU	0.002
APHA	0 - 20	5.0
Chloride	0 - 70 ppm	24
Chloride	0 - 0.071 %	0.002
Sulfate	0 - 500 ppm	57
Sulfate	0 - 0.24 %	0.01
Arsenic	0 - 1 ppm	0
Lead	0 - 2 ppm	0
Iron	0 - 5 ppm	0.0
Heavy Metals (as Pb)	10 ppm max	10 ppm max
Heavy Metals (as Pb)	20 ppm max	20 ppm max
Total Viable Count	0 - 100 CFU/g	2
Date of Manufacture:		02/29/2024
Date of Expiration:		03/01/2026

I certify that this product has been tested in the laboratories of PMP Fermentation Products and complies with the requirements applicable regulatory compendia.

Scot Whetsell
Quality Assurance Manager