



Todo Droga

Química Mayorista



PMP FERMENTATION PRODUCTS, INC.

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01/04/2016

CERTIFICATE OF ANALYSIS

SO #: SO-1512122

PRODUCT GLUCONIC ACID 50% 251.75 KG DR
LOT NUMBER 41316651
PMP ITEM CODE 71413

TEST	SPECIFICATION	RESULT
Product Grade	Technical Grade	Passes Test
Gluconic Acid	49.5 - 50.5 %	50.4 %
Appearance	Clear light yellow liquid	Passes Test
pH, as is	1.1 - 1.5	1.4
Specific Gravity	1.21 - 1.27	1.24
Chloride	140ppm max.	26 ppm
Sulfate	500ppm max.	55 ppm
Reducing Substances	2.0% max.	1.5 %
Acetic Acid Content	0.5% max.	0.4 %
Date of Manufacture		12/16/2015
Date of Expiration		12/16/2017

I certify that this product has been tested in the laboratories of PMP Fermentation Products and complies with the requirements of the Food Chemicals Codex (FCC), current Edition.

Mike Bussell
Quality Assurance Manager