



# Todo Droga

Química Mayorista

04/28/2016

## CERTIFICATE OF ANALYSIS

SO #: SO-1604183

PRODUCT GLUCONIC ACID 50% 251.75 KG DR  
LOT NUMBER 41316880  
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	1.3
Specific Gravity	1.21 - 1.27	1.24
Chloride	140ppm max.	21 ppm
Sulfate	500ppm max.	59 ppm
Reducing Substances	2.0% max.	1.4 %
Acetic Acid Content	0.5% max.	0.4 %
Date of Manufacture		04/04/2016
Date of Expiration		04/04/2018

Mike Bussell  
Quality Assurance Manager

*Michael Bussell*