



Todo Droga

Química Mayorista

CERTIFICATE OF ANALYSIS

PRODUCT: 500KGS OF ASPARTAME

BATCH NO.:14052302

MANUFACTURE DATE: MAY.23, 2014

EXPIRY DATE: MAY.22, 2017

No.	Item	Standard Value	Testing Result
1	Appearance	white crystalline Powder	white crystalline Powder
2	Assay(Titrimetric)	98.0% to 102.0% (dried basis)	99.4%
3	Specific Rotation $[\alpha]_D^{20}$	+14.5° to +16.5°	+15.6°
4	Loss on Drying	≤4.5%	12.53%
5	Residue on Ignition(Sulphated Ash)	≤0.2%	0.07%
6	Diketopiperazine	≤1.5%	0.22%
7	Other Related Substances	≤2.0%	1.3%
8	Transmittance	95.0% min	99.0%
9	Heavy metals(as Pb)	≤10 mg/kg	<10mg/kg
10	PH	4.5 to 6.0 units	4.98
11	Lead	≤1mg/kg	<1mg/kg

Conclusion: conform to FCC VIII