



### Certificate Of Analysis

<b>General Information</b>			
Product Name	Ginger Extract	Latin Name	Zingiber officinale P.E
Part of Used	Root	Batch Number	PC-GR1709
Produce date	2017-09-17	Report Date	2017-09-30
Batch QTY	880kg	Expiry Date	2020-09-16
Item	Specification	Method	Result
<b>Physical Property</b>			
Appearance	Brown powder	Organoleptic	Conforms
Odour	Characteristic	Organoleptic	Conforms
Mesh Size	NLT 98% through 80 mesh	Organoleptic	Conforms
Loss on Drying	≤5.0%	USP37<921>	4.4
Ignition Ash	≤5.0%	USP37<561>	0.3
<b>Active Ingredient</b>			
Gingerol	≥5%	UV	5.3
<b>Contaminants</b>			
Lead(Pb)	≤3.0mg/kg	USP37<233>	Conforms
Arsenic(As)	≤2.0mg/kg	USP37<233>	Conforms
Cadmium(Cd)	≤1.0mg/kg	USP37<233>	Conforms
Mercury(Hg)	≤0.1mg/kg	USP37<233>	Conforms
<b>Microbiological</b>			
Total Plate Count	≤1000cfu/g	USP37<61>	700
Yeast & Mold	≤100cfu/g	USP37<61>	30
E.Coli.	Negative	USP37<62>	Conforms
Salmonella	Negative	USP37<62>	Conforms
Package&Storage	Standard packed in fiber-drum and two plastic bags inside N.W: 25kgs. I.D. 35 x H51 cm; Store in a cool,dry place away from Moisture, Light		
Conclusion	Sample Qualified		

ANALYST

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INSPECTOR

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