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Specification Sheet

CITRULLINE ALPHAKETOGLUTARATE, SODIUM SALT

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CKSAUP	1450	-	December 14, 2011	JGP	No. 2	CDS

CHARACTERISTICS:	White to off white powder.
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MOLECULAR FORMULA:	$C_{11}H_{18}N_3O_8Na$
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MOLECULAR WEIGHT:	343.27
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SPECIFICATIONS:	Assay	
	Citrulline	45.9-56.1%
	Alphaketoglutaric acid	Not less than 29.4%
	Loss on drying	Less than 10%
	Lead	Less than 10 ppm
	Cadmium	Less than 5 ppm
	Arsenic	Less than 3 ppm
	Mercury	Less than 1 ppm
	Salmonella	Negative/25g
	Escherichia coli	Negative/g
	Coliforms	Negative/g
	Staphylococcus aureus	Negative
	Yeast and mold	300 cfu/g max
	Total plate count	3,000/g max

PACKAGING:	20 kg carton, 27 cartons per pallet
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APPLICATIONS:	Nutritional food and body building supplements
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