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Certificate of Analysis- Lutein

Batch Number: LU 110817

Botanical Source: *Tagetes erecta L.* **Used Part:** Flower **Batch Quantity:** 100Kg
Manufacture Date: Aug17,2011 **Analysis Date:** Aug17,2011 **Certificate Date:** Aug 23,2011

ANALYSIS ITEM	SPECIFICATION	RESULT	METHOD
Appearance	Orange fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Loss on Drying	≤5.0%	3.46%	105°C/3hrs
Residue on Ignition	≤5.0%	2.37%	750°C/5hrs
Heavy Metals	<10ppm	Complies	CP2005
As	<2ppm	Complies	AAS
Residual Solvents	Eur.Pharm.5	Complies	GC
Total Plate Count	<1000cfu/g	152cfu/g	CP2005
Yeast & Mold	<100cfu/g	Negative	CP2005
E.Coli	Negative	Complies	CP2005
Salmonella	Negative	Complies	CP2005
Assay			
Lutein	≥5.0%	5.32%	UV

Storage Store in cool & dry place, Keep away from strong light and heat.

Shelf life 2 years when properly stored.

Conclusion: Conform with specification

Quality Assurance Office

Analyst