

Product Name	Curcumin	Extract
Botanical Name	Curcuma longa	Extract
Herb Ratio	10 : 1	
Part Used	Rhizome	
Lot Number	AY/Curcumin95/20160611	
Manufacturing Date	June 2016	
Expiry Date	3 Years from Date of Manufacture	
Country of Origin	India	

PARAMETERS	SPECIFICATION	RESULT	TESTING METHOD
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PHYSICAL PARAMETERS

Colour	Yellow	Confirms	Visual
Particle Type	Fine powder	Confirms	Visual
Taste	Bitter	Confirms	Taste
Odour	Aromatic	Confirms	Smell

ASSAY FOR ACTIVITY

Curcuminoids	NLT 95%	Confirms	Gravimetric
Tap Density	0.7 - 0.95	Confirms	Lab Test
Loss on Drying	NMT 5%	Confirms	5g/105°C/3Hrs
Mesh Size 20	84%-100%	90%	Lab Test
Mesh Size 60	38%-98%	55%	Lab Test
Mesh Size 100	17%-80%	45%	Lab Test
Solubility in Alcohol	NLT 95%	Confirms	Lab Test
Additive Maltodextrin	Nil	Confirms	Lab Test
Ash Content	NMT 5%	Confirms	5g/600°C/6-8Hrs

HEAVY METAL LIMITS

IMPURITIES (AS PER USP)	LIMITS	RESULT	TEST REFERENCE
Heavy Metals	NMT 10 ppm	Confirms	USP
Arsenic	NMT 1 ppm	Confirms	USP
Lead	NMT 1 ppm	Confirms	USP
Mercury	NMT 1 ppm	Confirms	USP
Organic Residual	NMT 0.02%	Confirms	USP

MICROBIAL PROFILE

Total Plate Count	NMT 5000 CfU	NMT 1000 CfU	Microbial Test
Yeast and Mould	Absent	Absent	Microbial Test
Salmonella	Absent	Absent	Microbial Test
Staphylococcus aureus	Absent	Absent	Microbial Test
Pseudomonas aeruginosa	Absent	Absent	Microbial Test