
STANDARD TESTING SPECIFICATIONS

RAW MATERIAL

DOC. NO.:

SP/IL/QC/RM-IHS

REVISION NO: 005

SUPERCEDES: 004

TURMERIC OLEORESIN**(Curcuma Longa) IHS**

1.	Description	:	Turmeric Oleoresin is yellow, dark reddish brown liquid, lump, powder, or paste with a slight characteristic scent.
2.	Solubility	:	Turmeric Oleoresin is dissolved in ethyl alcohol (if it is water soluble, it is dissolved in small amount of water and then ethyl alcohol is added).
3.	Identification	:	1) Test Solution shows yellow color and green fluorescence. 2) Test Solution turns red when 2 ml of sulfuric acid is added and stirred. 3) A piece of filter paper is wetted with Test Solution and dried. A few drops of hydrochloric acid, followed by a few drops of boric acid solution (1→100) are dropped onto the piece of filter paper. Upon drying by heating, it turns cherry red. When a few drops of ammonia solution is added, it turns blue.
4.	Arsenic	:	Not be more than 4ppm.
5.	Heavy metal	:	Not be more than 40ppm.
6.	Lead	:	Not be more than 10ppm.
7.	Residual Solvent Acetone Isopropyl alcohol Methyl alcohol Hexane	:	Not more than 30ppm Not more than 50ppm Not more than 50ppm Not more than 25ppm