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5-Hydroxytryptophan

Botanical source	<i>Griffonia simplicifolia</i>
Plant part used	Seeds
Description	Greyish-brown colored powder with characteristic odor.
Identification	The RT of sample is concordant with that of 5-HTP <i>WS</i> in HPLC.
Solubility	Soluble in water.
Loss on drying	Not more than 2.0% w/w
Ash content	Not more than 0.5% w/w
Heavy metals	Not more than 20 ppm
Arsenic	Not more than 2 ppm
Assay (by HLC)	Contains not less than 98.0% and not more than 101.0% of L-5-HTP, calculated on the dried basis.

Microbiological purity

Total plate count	Not more than 1000 cfu/g
Yeast & mould	Not more than 100 cfu/g
<i>E. coli</i>	Absent
<i>Salmonella</i>	Absent
<i>S.aureus</i>	Absent
Pseudomonas	Absent