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CERTIFICATE OF ANALYSIS

CAT. No.: 020229S

<u>Product Name:</u>	HARPAGOSIDE with HPLC (8-O-E Cinnamoyl harpagide)
<u>CAS Number:</u>	[19210-12-9]
<u>Lot No.:</u>	06050217
<u>Chemical Formula:</u>	C ₂₄ H ₃₀ O ₁₁
<u>Molecular Weight:</u>	494.49
<u>Appearance:</u>	White powder
<u>U.V. Spectrum:</u>	280nm
<u>[α]_D:</u>	-(43.3±1.1) c=1 in methanol
<u>Purity:</u>	99.53%

Thin layer chromatography

-Support:	Silica gel
-Solvent:	Methylene chloride/Methanol/Water (30/15/2:V/V/V)
-Detection:	p-anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V) 10 mn at 110°C

Storage: +18°C, desiccator

Caution: Damaged through moisture and acid pH

