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CERTIFICATE OF ANALYSIS

Cat No.: 020976S

<u>Product:</u>	(+)-CATECHIN with HPLC
<u>CAS No.:</u>	[154-23-4]
<u>Lot Number:</u>	07071810
<u>Chemical Name:</u>	3,5,7,3',4'-Flavanpentol
<u>Molecular Formula:</u>	C ₁₅ H ₁₄ O ₆
<u>Molecular Weight:</u>	290.28
<u>Appearance:</u>	Lightly beige powder
<u>Moisture:</u>	1.7%
<u>Absorption maxima:</u>	280 nm in methanol
<u>[α]_D:</u>	+14.2°C (c=1 in acetone/water, 50%)

Thin layer chromatography

-Support:	Silicagel
-Solvent:	Ethylacetate/methylene chloride/formic acid (60/30/5, V/V/V)
-Detection:	p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) 10 mn at 110°C
Storage:	+4°C, dark, dry place

