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CERTIFICATE OF ANALYSIS

CAT. No.: 020312S

<u>Product Name:</u>	CAPSANTHIN w/TLC
<u>CAS Number:</u>	[465-42-9]
<u>Lot No.:</u>	030102706
<u>Chemical Formula:</u>	C ₄₀ H ₅₆ O ₃
<u>Molecular Weight:</u>	584.88
<u>Melting Point:</u>	176-177°C
<u>Appearance:</u>	Orange powder
<u>Absorption maxima:</u>	467.5 nm in ethanol
<u>E₁:</u>	476.5 nm : 1870
<u>TLC:</u>	Support: Silicagel Solvent: Hexane/acetone (65/35: V/V) Detection: Visible
<u>Caution:</u>	Unstable, decomposed by heat and light To be kept at -20°C
<u>Purity:</u>	90 to 95%

