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CERTIFICATE OF ANALYSIS

CAT. No.: 020307S

Product Name: **ZEAXANTHIN with TLC**

CAS Number: [144-68-3]

Lot Number: 10081030

Chemical Name: β,β -Carotene-3,3'-diol

Chemical Family: Carotenoids

Chemical Formula: $C_{40}H_{56}O_2$

Molecular Weight: 568.89

Melting Point: 203-204°C

Spectrophotometrical data: 422sh,449, 477 nm in methanol
+ 0.5% methylene chloride

Thin Layer Chromatography:

Support: Silicagel
Solvent: Heptane/Acetone (65/35, V/V)
Detection: Visible

