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## Specification Sheet

Product Name: **Xanthophyll**  
Specifications & Purity: 75%  
SKU #: **X109575**

| Parameter   | Limit Values                  |
|---|-------------------------------|
| Purity(HPLC)  | 75-100 (%)                    |
| UV (Lambda max 1)   | 423-427 (nm)                  |
| UV (Average % of Theory)  | 70-100 (%)                    |
| UV (Lambda max 2)   | 443-447 (nm)                  |
| UV (Lambda max 3)   | 473-477 (nm)                  |
| Appearance (X109575)  | orange to red or brown powder |
| Proton NMR spectrum   | Conforms to Structure         |
| Solubility in CH <sub>2</sub> CL <sub>2</sub> , Clear, Yellow to Orange or Brown, 0.98 - 1.02 mg/ml | pass                          |
| UV (Solvent Ethanol+NaBH <sub>4</sub> )   | Conforms                      |

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