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## SPECIFICATION SHEET

CAT. No.: 020303S

|                          |   |
|--------------------------|---|
| <u>Product Name:</u>     | <b><math>\beta</math>-CAROTENE with TLC</b> |
| <u>CAS Number:</u>       | [7235-40-7]                                 |
| <u>Chemical Family:</u>  | Carotenoids                                 |
| <u>Chemical Formula:</u> | C <sub>40</sub> H <sub>56</sub>             |
| <u>Molecular Weight:</u> | 536.89                                      |
| <u>Melting Point:</u>    | 176-182°C                                   |
| <u>Appearance:</u>       | Red Crystalline Powder                      |
| <u>Loss on Drying:</u>   | 0.2% max                                    |
| <u>Heavy Metals:</u>     | 5 mg/kg max                                 |
| <u>Arsenic:</u>          | 1 mg/kg max                                 |
| <u>Assay (UV)</u>        | ≥98%  |



