

**WELGREEN TECHNOLOGY CO.,LTD**

605 Building B,Oak Block, No.36 Fenghui South Road, Xi'an, China 710065

Tel: 86-29-88453375 Fax: 86-29-88352329

E-mail: wgt@allwellcn.com

**CERTIFICATE OF ANALYSIS**

|                            |  |  |                               |
|----------------------------|--|--|-------------------------------|
| Product                    | $\beta$ -Carotene Beadlet  |  |                               |
| Batch No.                  | 170806   | Quantity   | 1500KGS                       |
| Manufacture Date           | Aug.06, 2016   | Testing Date   | Aug.04, 2016                  |
| Expiry Date                | Aug.05, 2018   | Packaging  | 20kgs/Carton                  |
| <b>Items &amp; Results</b> |  |  |                               |
| Item                       | Spec.  | Results  |                               |
| Description                | Red or reddish-brown free flowing beadlets,with white spots of food starch | Red-brown free-flowing beadlets,with white spot of food starch |                               |
| Loss on Drying             | $\leq 8.0\%$   | 4.4%   |                               |
| Heavy metals(as Pb)        | $\leq 0.001\%$   | <0.001%  |                               |
| As                         | $\leq 1.0\text{mg/kg}$   | <1.0mg/kg  |                               |
| Pb                         | $\leq 2.0\text{mg/kg}$   | 0.05mg/kg  |                               |
| <b>Particle size</b>       |  |  |                               |
| Pass through sieve NO.20   | 100%   | 100%   |                               |
| Pass through sieve NO.40   | $\geq 85\%$  | 94%  |                               |
| Pass through sieve NO.100  | $\leq 15\%$  | 0.64%  |                               |
| Solution Chroma            | $\geq 110$   | 121  |                               |
| Beta-Carotene              | $\geq 20.0\%$  | 13.6%  |                               |
| <b>Microbiology</b>        |  |  |                               |
| Total Plate Count          | <1000cfu/g   | <10cfu/g   |                               |
| Yeast & Moulds             | <100cfu/g  | <10cfu/g   |                               |
| E.Coli                     | Negative   | Not Detected   |                               |
| Conclusion                 | Conform with In house standard.  |  |                               |
| Analyst                    | Ma Liang   | Review   | Liu Aiqin<br>Supervisor of QC |



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