



# TIANJIN HEXIYUAN LECITHIN

## TECHNOLOGY CO., LTD

### Specification sheet

|                         |  |                         |            |
|-------------------------|--|-------------------------|------------|
| <b>Item number</b>      | Injection grade Soy phosphatidyl choline | <b>Testing quantity</b> | 60 gs      |
| <b>Batch number</b>     | 20150703                                 | <b>Testing date</b>     | 2015.07.03 |
| <b>Testing standard</b> | China national standard SMP-ZB-02-050    |                         |            |

| Testing item                         | Standard                  | Testing Result    |
|--------------------------------------|---------------------------|-------------------|
| <b>Characters</b>                    | Yellow to brown semisolid | Yellow semisolid  |
| <b>Acid value</b>                    | 12 max                    | 3                 |
| <b>Iodine value</b>                  | 90-110                    | 99                |
| <b>Peroxide value</b>                | 5 max                     | 0                 |
| <b>Acetone insoluble matter</b>      | 90 min                    | 97.7%             |
| <b>Hexane insoluble matter</b>       | 0.3% max                  | 0.3%              |
| <b>Moisture</b>                      | 1.5% max                  | 1.3%              |
| <b>Nitrogen content</b>              | 1.5-2.0%                  | 1.7%              |
| <b>Phosphorus content</b>            | 3.3% min                  | 3.9%              |
| <b>Heavy metal</b>                   | 0.002% max                | qualified         |
| <b>Arsenic (As)</b>                  | 0.0002% max               | qualified         |
| <b>Acidity</b>                       | 5.0-7.0                   | 6.4               |
| <b>Residual solvent</b>              | 0.5% max                  | 0.4%              |
| <b>Lysophosphatidyl ethanolamine</b> | 0.5% max                  | 0.2%              |
| <b>Lysophosphatidylcholine</b>       | 3.5% max                  | 2.6%              |
| <b>Phosphatidylcholine</b>           | 70% min                   | 77.6%             |
| <b>Phosphatidyl ethanolamine</b>     | 30.0%                     | 4.6%              |
| <b>Phosphatidylinositol</b>          | 5.0% max                  | not detected      |
| <b>Bacteria</b>                      | 50 CFU/g max              | Less than 10CFU/g |
| <b>Yeast &amp; Mold</b>              | 50 CFU/g max              | Less than 10CFU/g |
| <b>Escherichia coli</b>              | not detected              | not detected      |
| <b>Bacteria in viral detection</b>   | 6EU/g                     | 6EU/g             |

Tested by: gao wei hua

Principal: zhu jun hua

Manufacturer :

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