

中粮生物化学（安徽）股份有限公司  
COFCO BIOCHEMICAL (ANHUI) CO., LTD.



## SPECIFICATION

JAN.,5<sup>th</sup> , 2015

COMMODITY: CITRIC ACID MONOHYDRATE BP2010/E330 8-80MESH  
CAS NO.: 5949-29-1 EC: 201-069-1 CHEMICAL FORMULA: C<sub>6</sub> H<sub>8</sub> O<sub>7</sub> • H<sub>2</sub> O

| <u>ITEM</u>                          | <u>UNIT</u> | <u>STANDARD DATA</u> |
|--------------------------------------|-------------|----------------------|
| DESCRIPTION                          | -----       | COLOURLESS CRYSTAL   |
| IDENTIFICATION & SOLUBILITY          | -----       | PASS TEST            |
| CLARITY & COLOR OF SOLUTION          | -----       | PASS TEST            |
| CONTENT                              | %           | 99.5 – 100.5         |
| MOISTURE                             | %           | 7.5 - 8.8            |
| BARIUM                               | -----       | PASS TEST            |
| CALCIUM                              | %           | 0.02 MAX.            |
| IRON                                 | PPM         | 5 MAX.               |
| HEAVY METALS                         | PPM         | 5 MAX.               |
| CHLORIDE                             | PPM         | 20MAX.               |
| OXALATE                              | PPM         | 70MAX.               |
| SULPHATED ASH (residues on ignition) | %           | 0.05 MAX.            |
| SULPHATE                             | PPM         | 25 MAX.              |
| READILY CARBONISABLE SUBSTANCES      | -----       | PASS TEST            |
| ARSENIC                              | PPM         | 1 MAX.               |
| LEAD                                 | PPM         | 0.5 MAX.             |
| HG                                   | PPM         | 1 MAX.               |
| BACTERIAL ENDOTOXINS                 | EU/MG       | 0.5 MAX.             |
| ALUMINIUM                            | PPM         | 0.2 MAX.             |
| NICHEL                               | PPM         | 1 MAX.               |
| COBALT                               | PPM         | 1 MAX.               |
| TOTAL VIABLE COUNT                   |             | LESS THAN 1000/G     |
| YEAST & MOULDS                       |             | LESS THAN 100/G      |
| COLIFORMS                            |             | ABSENT               |

Manufacturer: COFCO Biochemical (Anhui) Co.Ltd.

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地址: 中国安徽蚌埠市中粮大道 1 号 Add: No.1 COFCO Avenue, Bengbu, Anhui, China  
邮编(Zip): 233010 网址 (Url): www.zlfysh.com