



阳光国际  
SUNSHINE

188 MOO 4 TAMBOLTHATOOM,SRIMAHAPHOTE,PRACHINBURI 25140  
http://www.thaisunshine.net  
Tel:037278801 Fax: 037278801  
Email: sunshinexsb@ thaisunshine.net

阳光国际生物有限公司  
SUNSHINE BIOTECH INTERNATIONAL CO., LTD.  
SPECIFICATION

COMMODITY: CITRIC ACID MONOHYDRATE BP93 (MESH 8-80)

| ITEM                            | UNIT     | STANDARD DATA            |
|---------------------------------|----------|--------------------------|
| DESCRIPTION                     | ---      | COLOURLESS CRYSTAL,WHITE |
| IDENTIFICATION & SOLUBILITY     | ---      | PASS TEST                |
| CLARITY & COLOR OF SOLUTION     | ---      | PASS TEST                |
| READILY CARBONISABLE SUBSTANCES | ---      | PASS TEST                |
| EVALUATION OF INSOLUBLES        | ---      | PASS TEST                |
| ODOR                            | ---      | PASS TEST                |
| BARIUM                          | ---      | PASS TEST                |
| CONTENT                         | %        | 99.50-101.0              |
| WATER                           | %        | 7.5-9.0                  |
| HEAVY METALS ( AS PB )          | PPM      | $\leq 5$                 |
| OXALATE                         | PPM      | $\leq 350$               |
| ALUMINIUM                       | PPM      | $\leq 0.2$               |
| IRON                            | PPM      | $\leq 50$                |
| ARSENIC                         | PPM      | $\leq 1.0$               |
| MERCURY                         | PPM      | $\leq 1.0$               |
| LEAD                            | PPM      | $\leq 0.5$               |
| BACTERIAL ENDOTOXINS            | I. U./MG | $\leq 0.5$               |
| SULPHATED ASH                   | %        | $\leq 0.1$               |
| CHLORIDE                        | PPM      | $\leq 50$                |
| CALCIUM                         | PPM      | $\leq 200$               |
| SULFATES                        | PPM      | $\leq 150$               |

CONCLUSION: THE QUALITY OF THIS LOT OF GOODS CONFORMING WITH THE STANDARD.

SHELF LIFE OF CITRIC ACID IS THREE YEARS.



