

ACETIC ACID PRODUCT SPECIFICATION

| Analytical Parameters | Method | Unit | Value |
|--|---------------------------|---------|---------------|
| Acetic Acid Purity | JIS K 1351 : 2007 - 3.7.1 | wt% | 99.85% Min |
| Color | ASTM D1209 | Pt-Co | 5 Max |
| Specific Gravity @ 20/20 °C | ASTM D 4052 | - | 1.048 - 1.053 |
| Water Content | ASTM D 1364 | wt% | 0.15 Max |
| Freezing Point | ASTM D 6875 | °C | 16.35 Min |
| Chlorides | JIS K 1351 : 2007 - 3.15 | ppm | 1 Max |
| Sulphates | JIS K 1351 : 2007 - 3.14 | ppm | 1 Max |
| Heavy Metals as Pb | JIS K 1351 : 2007 - 3.13 | ppm | 0.5 Max |
| Acetaldehyde | ASTM D 2191 | ppm | 5 Max |
| Formic Acid | ASTM D 3546 | wt% | 0.05 Max |
| Iron as Fe | ASTM E 394 | ppm | 0.5 Max |
| Non Volatile Matter | ASTM D 1353 | g/100ml | 0.003 Max |
| Reducing Substances | TEAD-A-AN-G-VCC-101* | Minutes | 120 Min |
| Appearance | ASTM E 2680*** | - | CFSM** |
| Distillation Range | ASTM D 1078 | °C | 1.0 Max |
| * = in 10ml of DMW add 0.1ml of 0.1N KMnO4 & 2ml sample to hold pink color. | | | |
| ** = Clear & free from suspended matter | | | |
| *** = Test passes when suspended & or sediment particles sizes are >1mm but less than 3 nos. Particles with size less than 1mm are not considered. | | | |

Version 1 / 2018

Quality Assurance Department

Contact Details:

Website: www.sipchem.com
Email: QAteam@sipchem.com
Phone: +966 13 359 3372

Disclaimer

Before using the product listed above, customers and other users should take care in determining the suitability of such product for the intended use. SIPCHEM do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein.