



CERTIFICATE OF ANALYSIS

Food Grade Magnesium Chloride Flake Identification

NO:RF-20170331-03

CAS Number:7791-18-6

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| NAME | Magnesium Chloride Flake | | PRODUCTION DATE | 2017-03-31 |
| BATCH NO | 20170331 | | PACKING | 25kg PE+PP |
| INSPECTION DATE | 2017-03-31 | | QUANTITY | 40T |
| STORAGE CONDITIONS | Store with airproof and dryness | INSPECTION CONDITION | TEMPERATURE : 25°C HUMIDITY : 55% | |
| EXECUTIVE STANDARD | FCC10/E511 (EU 231/2012) | | | |
| INSPECTION ITEM | QUALITY STANDARD | METHOD | RESULT | INSPECTION RESULT |
| MgCL2.6H2O W/ % ≥ | 99.00 | Titration | 99.85 | Qualified |
| Magnesium | Comply | Solutions of magnesium salts in the presence of ammonium chloride yield no precipitate with ammonium carbonate TS, but a white crystalline precipitate, which is insoluble in 6 N ammonium hydroxide, is formed on the subsequent addition of sodium phosphate TS (6%) | Comply | Qualified |
| Chloride | Comply | Solutions of chlorides yield with silver nitrate TS a white, curdy precipitate that is insoluble in nitric acid but soluble in a slight excess of 6 N ammonia | Comply | Qualified |
| Solubility Test | A 40% solution in water should be clear | Free from particles and colourless | Comply | Qualified |
| W/ % ≤ | 0.03 | UV-VIS spectrophotometer | 0.02 | Qualified |
| (NH₄) / (mg/kg) ≤ | 50.00 | (UV-VIS spectrophotometer | 24.2 | Qualified |



Majda Jacek