

CERTIFICATE OF ANALYSIS

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|--|---|---|---------------|
| Product Name: | MAGNESIUM CARBONATE FOOD GRADE, LIGHT BASIC | Batch No. | JL20220911 |
| Cas | 13717-00-5 | MF Date | Sep. 11, 2022 |
| Packing | 25KGS/BAG | Analysis Date | Sep. 11, 2022 |
| Quantity | 2000KGS | Expiry Date | Sep. 10, 2024 |
| ITEM 分析项目 | STANDARD 技术指标 | RESULT 实测结果 | |
| Appearance & physical characteristics | White powder, odorless, tasteless and non-toxic | White powder, odorless, tasteless and non-toxic | |
| Solubility status | Practically insoluble in water, Insoluble in ethanol. soluble in acid | Practically insoluble in water, Insoluble in ethanol. soluble in acid | |
| Magnesium oxide (MgO) % | 40.0-44.5 | 42.95 | |
| Calcium oxide (CaO) ≤% | 1.0 | 0.09 | |
| Chloride ≤% | 0.1 | 0.08 | |
| Acid Insoluble matter ≤% | 0.05 | 0.004 | |
| Soluble salt ≤% | 1.0 | 0.16 | |
| Iron(Fe)ppm ≤ | 3.0 | compliance | |
| Lead(Pb)ppm ≤ | 1.0 | compliance | |
| Arsenic(As)ppm ≤ | 1.0 | compliance | |
| Mercury(Hg)ppm ≤ | 0.2 | compliance | |
| Loss on ignition ≤% | 60 | 56.92 | |
| Bulk density(g/ml) ≤ | 0.1-0.2 | 0.12 | |
| Particle size(um)D50 ≤ | 5.0 | 3.95 | |
| Sieve on residue(325mesh)≤% | 0.1 | 0.01 | |
| Total plate count(cfu/g)< | 1000 | conformance | |
| Yeasts & Moulds(cfu/g) < | 100 | conformance | |
| Coliforms(cfu/g) < | 100 | conformance | |
| Conclusion | Qualified | | |

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