



Epsom Salt

chemically pure, FCC

Bomar Ltd.
Sea Road, Kilcoole, Co.
Wicklow, A63 TW67

Bomar Batch: R0438

2022-10-20
Werk Werra, Standort HA
Janine Adler
Quality Control
06620/791377
janine.adler@k-plus-s.com
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| | | | |
|----------------------|-----------------------------------|--------------------|-------------------|
| Manufacturer: | K+S Minerals and Agriculture GmbH | K+S Batch No.: | 2122000124 |
| K+S Order No.: | 7100299708 | Manufact. Date: | 2022-10-06 |
| Delivery /-Item No.: | 7200734086 / 000010 | Date of minimum | |
| Quantity: | 22 TO | durability: | 2027-10-06 |
| Loading date: | 2022-10-19 | K+S Specification: | 74961 359-2 (S02) |
| Cust. Order No.: | POR-07841 | | |

General information:

Manufacturer's address: Bertha-von-Suttner-Str. 7, 34131 Kassel, Germany

Manufacturing site's address: Hattorfer Str., 36269 Philippsthal, Germany

Chemical Name: Magnesium Sulphate Heptahydrate

Characters: colorless crystal or a granular crystalline powder

Solubility: readily soluble in water, slowly soluble in glycerine, and sparingly soluble in alcohol

| Parameter | Method of Analysis | Result | Specification |
|---------------------|---|-------------|----------------|
| Assay (Dried Basis) | calculated | 99.8 % | >= 99.5 % |
| Loss on Ignition | gravimetry | 50.7 % | 40.0 .. 52.0 % |
| Identity Reaction | ICP - AES | corresponds | o.K. |
| Lead *) | DIN EN ISO 17294-2 (MgSO ₄) | <4 mg/kg | <= 4 mg/kg |
| Selenium *) | DIN EN ISO 17294-2 (MgSO ₄) | <30 mg/kg | <= 30 mg/kg |
| Magnesium Sulphate | calculated | 49.2 % | % |
| Sodium | ICP - AES | 0.003 % | % |
| Potassium | ICP - AES | 0.045 % | % |
| Calcium | ICP - AES | 0.001 % | % |
| Chloride | volumetry | 0.006 % | % |

*) not tested on each batch

Electronically released by Janine Adler on 2022-10-11