



Specification for Calcium Sulfate, Dihydrate, Reagent, ACS (C1161)

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|-------------------|--|
| Item Number | C1161 |
| Item | Calcium Sulfate, Dihydrate, Reagent, ACS |
| CAS Number | 10101-41-4 |
| Molecular Formula | CaSO ₄ •2H ₂ O |
| Molecular Weight | 172.17 |
| MDL Number | |
| Synonyms | |

| Test | Specification | |
|--|---------------------------------|---------|
| | Min | Max |
| ASSAY (CaSO ₄ •2H ₂ O) | 98.0 | 102.0 % |
| INSOLUBLE IN DILUTE HCl | | 0.02 % |
| CHLORIDE (Cl) | | 0.005 % |
| NITRATE (NO ₃) | TO PASS TEST(lim.about 0.003 %) | |
| CARBONATE (CO ₃) | TO PASS TEST | |
| HEAVY METALS (by ICP-OES) | | 0.002 % |
| IRON (Fe) | | 0.001 % |
| MAGNESIUM (Mg) | | 0.02 % |
| POTASSIUM (K) | | 0.005 % |
| SODIUM (Na) | | 0.02 % |
| STRONTIUM (Sr) | | 0.05 % |

Spectrum Chemical Mfg Corp

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