

Specification Sheet

Lithium Perchlorate Powder

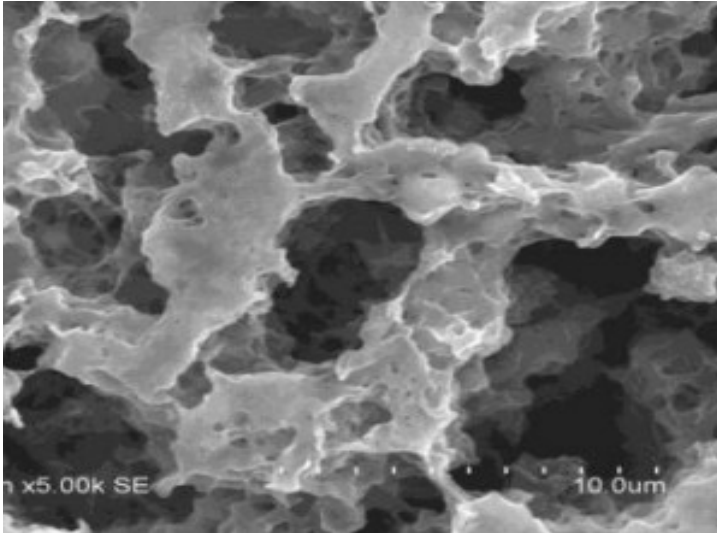
(ClLiO_4 , Purity: 99.9%, APS: $< 200\mu\text{m}$)

Stock No: NS6130-12-000054, CAS: 7791-03-9

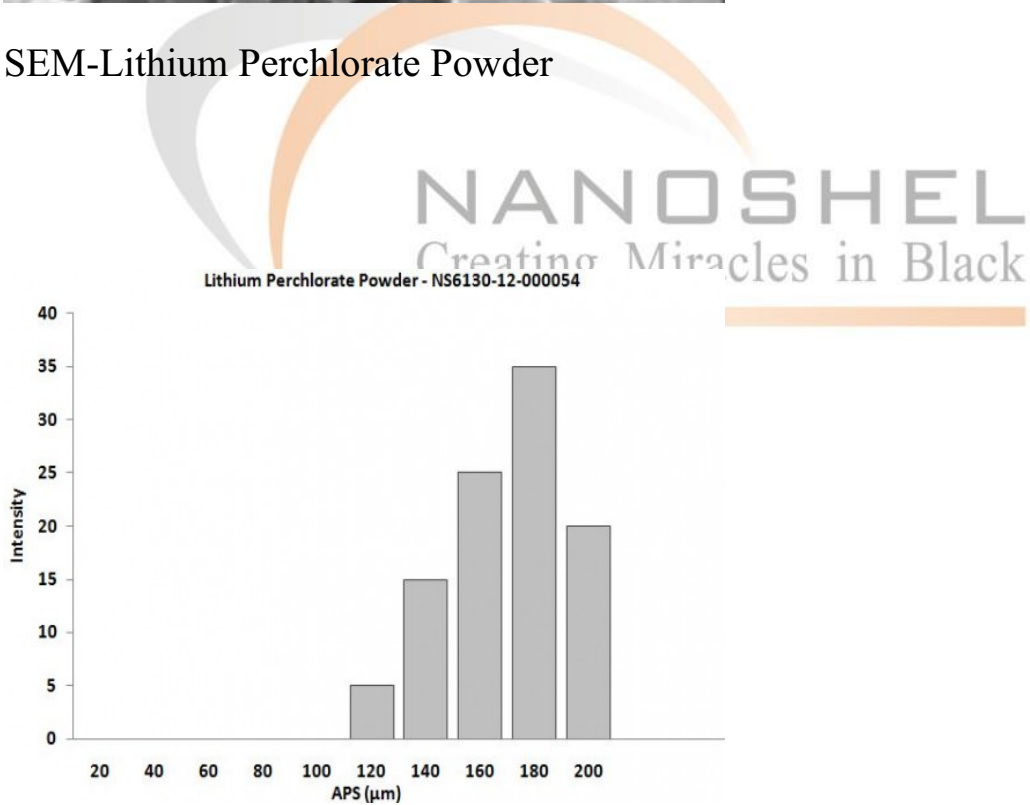
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|------------------------------|---|-----------------------------------|
| Product | : | Lithium Perchlorate Powder |
| Stock No | : | NS6130-12-000054 |
| CAS | : | 7791-03-9 |
| Purity | : | 99.9% |
| APS | : | $< 200\mu\text{m}$ |
| HS Code | : | 28252000 |
| Molecular Formula | : | ClLiO_4 |
| Molecular Weight | : | 106.39 g/mol |
| Form | : | Powder |
| Color | : | White |
| Density | : | 2.42 g/cm ³ |
| Melting Point | : | 236 °C |
| Boiling Point | : | 430 °C |
| pH | : | 6.0-7.5 |
| Chemical Class | : | Salts |
| Heavy Metals | : | ≤ 5 ppm |
| Insoluble Matter | : | $\leq 0.005\%$ |
| Solubility in Water | : | 59.8 g/100 mL (25°C) |
| Solubility | : | Soluble in alcohol, Ethyl acetate |
| Main Inspect Verifier | : | Manager QC |

Note: Product Specification are subject to amendment and may change over time

Characterization of Lithium Perchlorate Powder



SEM-Lithium Perchlorate Powder



Particles Size of Analysis-Lithium Perchlorate Powder