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Precursor of Cathode Material (111)

Product name : Precursor of Cathode Material (111)

Model : PNCM-301T

Chemical formula : $\text{Ni}_{0.33}\text{Co}_{0.33}\text{Mn}_{0.33}(\text{OH})_2$



Analysis:

Project	Unit	Index	Testing method
Ni+Co+Mn	%	≥61.5	ICP/AAS
Ni	%	21.0-22.0	
Co	%	21.0-22.0	
Mn	%	20.5-21.0	
Fe	%	≤0.005	
Cu	%	≤0.005	
Ca	%	≤0.03	
Mg	%	≤0.04	
Na	%	≤0.03	
Cl ⁻	%	≤0.3	
SO ₄ ²⁻	%	≤0.4	
H ₂ O	%	≤1.0	Moisture meter
D10	μ m	≥5.0	Laser particle size analyzer
D50	μ m	9-12	
D90	μ m	≤20.0	
Specific surface area	m ² /g	5.0-11.0	BET meter
PH value		7-9	PH meter
Tap density	g/cm ³	≥2.0	Tap Density Meter
Exterior		Dark gray, No lumps, No debris	Visual inspection