

Certificate of Analysis

Lithium Nickel Cobalt Manganese Oxide NCM111 Li
($\text{Ni}_{0.33}\text{Co}_{0.33}\text{Mn}_{0.33}\text{O}_2$), Purity: 99.9%, APS: 10microns)

Stock No: NS6130-12-001721 , CAS: 346417-97-8

Product Name	:	Lithium Nickel Cobalt Manganese Oxide NCM111
Stock No	:	NS6130-12-001721
CAS	:	346417-97-8
Lithium %	:	7.8%
Ni+Mn+Co	:	57.17%
Impurities	:	.
Fe	:	< 100ppm
Na	:	< 100ppm
Cu	:	< 50ppm
pH	:	10.7
Moisture	:	350ppm
BET Surface Area	:	0.55 m ² /g
Tap Density	:	2.2 g/cm ³
1st Discharge Capacity	:	155-158 mAh/g
1st Efficiency	:	83-85%

Note 1: Values are given in % unless otherwise specified.

Note 2: All figures above are weight for weight as determined by ICP