



AGRO-LIG® GRANULAR

Agro-Lig Granular is an excellent feedstock for processes which make alkaline-extract humic substances. It can also be incorporated directly into soil. This product has limited dust and application drift making it an ideal choice for many applications.

Leonardite Source	Gascoyne, North Dakota, USA																						
Chemical Composition	Humic Acids (Dry Basis) 65% minimum Determined using ACC Procedure TP-3009																						
Elemental Composition	<p>Typical analysis – moisture free.</p> <table border="0"> <tr> <td>Total Nitrogen (N)</td> <td>0.5 – 1.5%</td> </tr> <tr> <td>Available Phosphorus (P₂O₅)</td> <td>0.01 – 0.05%</td> </tr> <tr> <td>Soluble Potash (K₂O)</td> <td>0.1 – 0.5%</td> </tr> <tr> <td>Iron (Fe₂O₃)</td> <td>0.5 – 1.5%</td> </tr> <tr> <td>MgO</td> <td>1.5 – 3.0%</td> </tr> <tr> <td>CaO</td> <td>1.0 – 5.0%</td> </tr> <tr> <td>Total Sulfur (S)</td> <td>1.5 – 3.0%</td> </tr> <tr> <td>Boron (B)</td> <td>0.01 – 0.05%</td> </tr> <tr> <td>Manganese (Mn)</td> <td>0.01 – 0.05%</td> </tr> <tr> <td>Potassium (K)</td> <td>0.05 – 0.1%</td> </tr> <tr> <td>Carbon (C)</td> <td>25 – 45%</td> </tr> </table> <p>Meets all regulatory restrictions on heavy metal content</p>	Total Nitrogen (N)	0.5 – 1.5%	Available Phosphorus (P ₂ O ₅)	0.01 – 0.05%	Soluble Potash (K ₂ O)	0.1 – 0.5%	Iron (Fe ₂ O ₃)	0.5 – 1.5%	MgO	1.5 – 3.0%	CaO	1.0 – 5.0%	Total Sulfur (S)	1.5 – 3.0%	Boron (B)	0.01 – 0.05%	Manganese (Mn)	0.01 – 0.05%	Potassium (K)	0.05 – 0.1%	Carbon (C)	25 – 45%
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Carbon (C)	25 – 45%																						
Moisture	14-22% as shipped																						
Bulk Density	45 lbs./ft ³ (721 kilogram/m ³)																						
pH	pH at 5% solids 3.5-5.0																						
Dry Particle Size	5% maximum retained on 8 mesh (opening size 0.0964 inch/2463 microns) 50% minimum retained on 30 mesh (opening size 0.0203 inch/516 microns) 95% minimum retained on 70 mesh (opening size 0.0083 inch/212 microns)																						

Last Updated July 2013

The information contained herein is believed to be accurate and reliable. AMCOL accepts no responsibility for the results obtained through use of this product. AMCOL reserves the right to update information without notice.

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