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微谱
WEIPU

检测报告/Test Report

报告编号/ Report No. : WP-21036226-JC-03CnEn

样品来源/Sample Origin : 客户送样/ Customer Sample Delivery

百奥诺生物科技(香港)有限公司

客户名称/Client : BioLogiQ Elite (HK) Limited

香港九龍尖沙咀東部嘉連威老道 92 號幸福
中心 401B & 403 室

Room 401B & 403, Energy Plaza, 92 Granville

地 址/Address: Road, TST East, Kowloon, Hong Kong

上海微谱化工技术服务有限公司

Shanghai WEIPU Chemical Technology Service Co., Ltd



检测报告/Test Report

下列样品及样品信息由委托方提供及确认/The following sample(s) was/were submitted and identified on behalf of the applicant:

样品名称/Sample Name: 全生物降解聚合物/ Fully Biodegradable Polymer

样品颜色/性状/材质/ Sample color / character / material: 米白色 / off-white/粒子/ Particle/可生物降解聚合物 / Biodegradable Polymer

样品型号/Type: BC27150

品牌/ Brand: BioBlend®

检测信息/Testing information:

接样日期/Date of Sample Received: 2021-03-18

检测周期/ Testing Period: 2021-03-18 ~ 2021-07-30

检测要求/Test Item(s): 根据客户要求进行检测/Selected test (s) as requested by client.

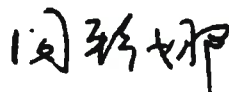
检测依据/Test Criterion: 请参见下一页/Please refer to next page(s).

检测结果/Test Result: 请参见下一页/Please refer to next page(s).

编制/Complied by:



批准/ Approved by:



签发日期/ Issued Date:

2021-07-30

报告编号/Report No. : WP-21036226-JC-03CnEn 页码/Page(s) : 2 / 22

检测样品描述/Test Sample Description:

<u>序号/Serial No.</u>	<u>样品名称/Sample Name</u>	<u>样品编号/Sample ID</u>	<u>描述/Description</u>
001	全生物降解聚合物 Fully Biodegradable Polymer	210310527-1	黄色颗粒 /Yellow particles

检测方法和检测仪器/Test method and test instrument:

<u>检测项目/Test item</u>	<u>检测方法/Test method</u>	<u>检测仪器/Test instrument</u>
生物分解率 /The percentage biodegradation	GB/T 19277.1-2011	降解仪、空压机 /Degradation apparatus, Air compressor

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试验材料: 全生物降解聚合物 /Test material: Fully Biodegradable Polymer	参比材料: 薄层色谱级纤维素 /Reference material: TLC grade cellulose															
堆肥来源: 石家庄 /Origin of compost: Shijiazhuang	堆肥肥龄: 3 个月 /Age of compost: 3months															
试验容器容积: 2.5L /Volume of test vessels: 2.5L																
测定二氧化碳的方法: 用滴定法测定氢氧化钠吸收液中溶解无机碳。 /Method of CO ₂ determination: Determination of dissolved inorganic carbon in sodium hydroxide absorption solution by titration.																
1 试验结果/Test result																
1.1 参比材料/Reference material																
<table border="1"> <thead> <tr> <th>项目/Item</th> <th>试验时间/Test time</th> <th>检测结果/Test result</th> </tr> </thead> <tbody> <tr> <td rowspan="2">生物分解率/ The percentage biodegradation</td> <td>45d</td> <td>73.0%</td> </tr> <tr> <td>120d</td> <td>83.3%</td> </tr> </tbody> </table>		项目/Item	试验时间/Test time	检测结果/Test result	生物分解率/ The percentage biodegradation	45d	73.0%	120d	83.3%							
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1.2 试验材料/Test material																
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备注: 按照客户要求, 依据 GB/T 20197-2006 标准进行判定; 生物分解率的检测结果符合 GB/T 20197-2006 标准的要求。 /Note: According to customer requirements, accordance with GB/T 20197-2006, The result of the percentage biodegradation satisfies GB/T 20197-2006.																

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