

# **Radioactive Contamination Inspection Report**

Nuclide inspection (<sup>131</sup>I, <sup>134</sup>CS, <sup>137</sup>CS) conducted with a  $\gamma$  ray spectrometer

Arataen Co., Ltd

Institute of Accelerator Analysis Ltd.

The results of the inspection are as follows

Product name	Shincha Aracha 2012 Harvested 4/25/2012													
Inspection device	Germanium semi-conductor detector Model name: SEG-EMS (Food products / Environmental detector)													
Result	<p><b>Radioactive iodine 131</b> <b><u>Not detected (detection limit 1 Bq/kg)</u></b></p> <p><b>Radioactive Cesium total</b> <b><u>Not detected Bq/kg</u></b></p> <p><b>Radioactive Cesium 134</b> <b><u>Not detected (detection limit 1) Bq/kg</u></b></p> <p><b>Radioactive Cesium 137</b> <b><u>Not detected (detection limit 1) Bq/kg</u></b></p> <p><b>Sample acquired and inspected as specified by the Ministry of Health Labor and Welfare. <u>Radioactive iodine and Cesium were not detected.</u></b></p>	<p><b>General levels (Bq/kg) As of 1.4.2012</b></p> <table border="1"> <thead> <tr> <th>Product</th> <th>Total Cesium level</th> </tr> </thead> <tbody> <tr> <td>Drinking Water</td> <td>10</td> </tr> <tr> <td>Milk / baby products</td> <td>50</td> </tr> <tr> <td>General food products</td> <td>100</td> </tr> <tr> <td>Fertilizer: soil additives / molding</td> <td>400</td> </tr> <tr> <td>Fodder: cattle / poultry / pigs</td> <td>100/160/80</td> </tr> </tbody> </table>	Product	Total Cesium level	Drinking Water	10	Milk / baby products	50	General food products	100	Fertilizer: soil additives / molding	400	Fodder: cattle / poultry / pigs	100/160/80
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Remarks	<ol style="list-style-type: none"> <li>Analysis conducted according to the method provided in Gamma-ray Spectrometry using Germanium Semiconductor Detectors of MEXT's Radiation Measurement Method Series 7</li> <li>The results are based on the provided sample</li> <li>The measurement result at the time of detection is shown by 2 significant digits below 100 Bq/ kg and 3 significant digits over 100 Bq / kg.</li> <li>With general food products, there are some products to which the provisional standard values are applicable up to 2012.12.31 depending on the transitional handling.</li> </ol>	<p>Inspection site: Institute of Accelerator Analysis Ltd Shirakawa Center</p> <p>Inspection date: 04/27/2012</p>												