

**Product brief**

<i>Product Code</i>	37048
<i>Product Name</i>	Alcotec 48 Turbo Yeast
<i>Product Features</i>	Alcotec 48 contains a highly complex, chemically defined macro and micro nutrition which together with the specially developed Alcotec TT Yeast strain is the only complete fermentation system capable of delivering 20% alcohol from a pure sugar base.

**Product details**

<i>Product composition</i>	Alcotec TT dry yeast 54%, carbamide 23.5%, phosphates 15%, sulphates 4%, carbonates 2%, vitamins 1%, trace minerals 0.5%.
<i>Product appearance</i>	White crystalline powder mixed with light tanned dry yeast powder.
<i>Food grade</i>	Yes
<i>Kosher</i>	No
<i>Halal</i>	No
<i>Vegan</i>	Yes
<i>GMO statement</i>	This product contains no genetically modified components
<i>Taric</i>	2106909855

**Technical specifications**

<i>Moisture</i>	< 3% (as LOD)
<i>Viability</i>	> 1 x 10 <sup>10</sup> /g of yeast
<i>Bacteria</i>	< 1 x 10 <sup>4</sup> /g
<i>Coliforms</i>	< 60/g
<i>Lead</i>	< 5 ppm
<i>Arsenic</i>	< 2 ppm
<i>Iron</i>	< 5 ppm
<i>Heavy metals</i>	< 12 ppm (as Pb)
<i>SO<sub>3</sub></i>	< 200 ppm
<i>Fluoride</i>	< 75 ppm
<i>Chloride</i>	< 60 ppm

**Product Specification Sheet (1)**

**Product use**

<i>Dose</i>	5.4 kgs / m3 (5.4g / litre)
<i>Recipe</i>	Use 340 kg sucrose / m3 of sugar/water solution (340g/litre). Dissolve completely before adding Alcotec 48 mix. Alcotec 48 can be added directly to the sugar solution if tank has got mixing facilities, otherwise prepare a smaller mix of Alcotec 48 and water (proportions 1:10), mix well for 2-3 minutes and then pump into main tank.
<i>Start gravity</i>	Target s.g. is 1130 g/L (30.6 Brix)
<i>Temperatures</i>	Use mantle cooling for max 26°C (77°F) liquid temperature throughout fermentation. Start liquid temperature can be anywhere within 21-35°C (70-95°F). Optimal start liquid temperature is 30°C (86°F). A liquid temperature above 27°C (81°F) at any time during fermentation may result in a stuck fermentation.
<i>pH</i>	Alcotec 48 contains its own pH regulator, there is no need to adjust or monitor pH value.
<i>Foaming</i>	Alcotec 48 contains its own antifoaming agents so only minimal foam.

**Product packaging and storage**

<i>Packaging</i>	25 kg special oxygen barrier sack. 1000 kgs per standard pallet 600 kgs per Euro pallet
<i>Marks</i>	Sack printed "Alcotec 48". Unprinted sacks on demand. Each sack is marked with the production batch no and BBE date (2 years).
<i>Shelf life</i>	24 months if stored at < 10°C (50°F) 12 months if stored at < 20°C (68°F) 6 months if stored at < 30°C (86°F) Opened sack can be kept up to 3 months in a refrigerator, reseal well.

**Production site**

Speeddraw House, Callywhite Lane, Dronfield S18 2XP, United Kingdom

**Product Specification Sheet (2)**

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