

## CERTIFICATE OF ANALYSIS

<b>Product:</b>	<b>Acetaldehyde dehydrogenase</b>
<b>Catalog Number:</b>	<b>9028-88-0</b>
<b>Lot No.:</b>	<b>120347</b>
<b>Storage:</b>	<b>-20°C</b>

TESTS	SPECIFICATIONS	RESULTS
<b>Appearance(Color):</b>	White to Faint brown and Faint beige	faint brown
<b>Appearance(Form):</b>	Powder or Solid or Crystals	Crystals
<b>Solubility(Color):</b>	Colorless to almost colorless	Colorless
<b>Solubility(Turbidity):</b>	Clear(Visual)	Clear
<b>Solubility(Method):</b>	10mg/ml 0.05M Tris-HCl, PH8.0	10mg/ml 0.05M Tris-HCl, PH8.0
<b>Enzymatic Activity :</b>	$\geq 2.58\text{U/mg}$	2.59U/mg
<b>Unit definition:</b>	The amount of enzyme that oxidizes 1 $\mu\text{mol}$ acetaldehyde to acetic acid every 30 minutes at 25°C and PH8.0 at 1U.	—

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Quality Inspector