

## **Acetaldehyde-d4**

Art. ID	TRC-A132602-1G
Unit	1 g
Deliverydetails	ADR Dangerous Good (DG) / AIR Cargo Air Only (CAO) UN1089 I E0

### **Description**

Category: Isotope Labelled Compounds, Labeling and Diagnostics Reagents /// Appearance: Clear Colourless Liquid /// Application Notes: Labelled Acetaldehyde (A132600) which is used as a marker to determine ALDH2-deficiency in humans. There is genetic-epidemiologic and biochemical evidence linking this deficiency to acetaldehyde exposure and resulting in cancer of the upper digestive tract (1). It has been used as an agent in the measurement of endogenous epinephrine and norepinephrine in human plasma (2). It is also used to label the amine groups on biogenic monoamine neurotransmitters for simultaneous panel determination (3). Drinking water contaminant candidate list 3 (CCL 3) compound as per United States Environmental Protection Agency (EPA), environmental, and food contaminants.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Acetaldehyde-d4	[1632-89-9]				