

# Technical Specification

**PRODUCT : ACETIC ANHYDRIDE RPE - For analysis - ACS**

**CODE : 421490**

**MOLECULAR WEIGHT :102.09**

**CAS N° : 108-24-7**

**FORMULA : (CH<sub>3</sub>CO)<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Identification	-	Positive
Colour	APHA	<= 10
Density at 20°C	-	1.080 - 1.084
Refractive index at 20°C	-	1.3881 - 1.3931
Boiling point	°C	136 - 142
Residue on evaporation	ppm	<= 30
Subs. reducing KMnO <sub>4</sub>	ACS	Conform
Chloride	ppm	<= 5
Phosphate	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 2
Sulfate	ppm	<= 5
Fe	ppm	<= 5
Assay (GC)	%	>= 99.0
Assay (acidimetric)	% (w/w)	>= 99.5

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in