

Technical Specification

PRODUCT : 1,4 - DIOXANE RPE - For analysis - ACS - Reag.Ph.Eur. - Reag.USP - Stabilized with BHT

CODE : 443200000

MOLECULAR WEIGHT :88.105

CAS N° : 123-91-1

FORMULA : OCH₂CH₂OCH₂CH₂

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density d ₂₀ /4	-	1.032 - 1.036
Refractive index at 20°C	-	1.4194 - 1.4254
Boiling point	°C	100.5 - 101.5
Freezing point	°C	11.5 - 12.1
Water (K.F.)	ppm	<= 500
Non volatile residue (w ithout stab.)	ppm	<= 20
Acetal	ppm	<= 50
Acidity	meq/g	<= 0.0016
Carbonyl compounds (as HCHO)	ppm	<= 100
Total phosphorus	ppm	<= 0.1
Peroxide (as H ₂ O ₂)	ppm	<= 50
Total silicon	ppm	<= 0.05
Total sulphur (S)	ppm	<= 0.2
Ca	ppm	<= 0.5
Cu	ppm	<= 0.02
Fe	ppm	<= 0.2
K	ppm	<= 0.1
Mg	ppm	<= 0.05
Na	ppm	<= 0.5
Pb	ppm	<= 0.05
Zn	ppm	<= 0.2
Assay (GC)	%	>= 99.8

Stabilized w ith ~ 50 ppm of BHT

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