

31432 Sodium carbonate Puriss. p.a., ACS Reagent, Reag. ISO, Reag. Ph. Eur., anhydrous, ≥99.8% (calc. to the dried substance)

Specyfikacja:

Property	Value
APPEARANCE (COLOR)	Colorless or White
CADMIUM (ICP)	0 - 5 mg/kg
COPPER (ICP)	0 - 5 mg/kg
IRON (ICP)	0 - 5 mg/kg
POTASSIUM (ICP)	0 - 50 mg/kg
MAGNESIUM (ICP)	0 - 20 mg/kg
LEAD (ICP)	0 - 5 mg/kg
ZINC (ICP)	0 - 5 mg/kg
ARSENIC TRACES (MHS-AAS)	≤ 0.5 mg/kg
TOTAL SULFUR AS SO ₄ (ICP)	0 - 30 mg/kg
CHLORIDE (CL)	0 - 10 mg/kg
APPEARANCE (FORM)	COARSE POWDER
TOTAL NITROGEN	0 - 10 mg/kg
TITRATION (T) HCL 1M	≥ 99.8 % (calc. to the dried substance)
LOSS ON DRYING	≤ 0.5 % 300 C
ACS SPECIFICATIONS	CORRESPONDS TO REQUIREMENTS
REMARKS ON ACS	silicate (as SiO ₂) ≤ 20mg/kg phosphate (PO ₄) ≤ 10mg/kg heavy metals (as Pb) ≤ 0.0005 % in water insoluble matters ≤ 0.01 %
METAL TRACE ANALYSIS (ICP)	CORRESPONDS TO REQUIREMENTS
ALUMINIUM (ICP)	0 - 10 mg/kg
CALCIUM (ICP)	0 - 50 mg/kg

Właściwości fizyczne:

Property	Value
Assay	≥99.8% (calc. to the dried substance)
Grade	puriss. p.a.
Anion traces	chloride (Cl ⁻): ≤10 mg/kg
Cation traces	Ag: ≤5 mg/kg
Loss	≤0.5% loss on drying, 300 °C
Impurities	≤0.01% in water insoluble matters
Mp	851 °C(lit.)
Freezing point	854 °C
Density	2.53 g/cm ³

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	188 °C
Hazard Class	9
Package Group	III
UN ID	3077