



Omnimpex Chemicals S.A.

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Registrul Comertului nr. J 40/16847/93 Cod Fiscal 4264749

DRIED CALCIUM CARBONATE

Technical Specifications

Characteristics	Values
Aspect	Microcrystalline powder
Color	White
Calcium carbonate, min. %	90
Humidity, max. %	1.0
Nitrogen, max. %	1.5
Iron oxide (Fe ₂ O ₃), max. %	0.1
Water solubility	Difficult to solve

Analysis methods

- Colour of the samples - visual
- CaCO₃ – volumetric method – the exceed of HCl, that is used for the neutralisation of Calcium Carbonate, is titrated with NaOH solution in the presence of Methylorange indicator
- Humidity – according to SR ISO 760 /93 – by Karl Fisher method, taking 1 – 2 grams sample
- Nitrogen – according to STAS 4904/87- using Formaldehyde and taking a 5 grams sample
- Iron oxydes – Fe⁺⁺ together with alfa – alfa – dipyrityl in acid medium form a red coloured complex. The strenght of the color is spectrophotometrically measured at a wavelength of 520 nm.

Packing

Dried calcium carbonate is delivered in bulk, or packed in the clients packages.

Storage and transportation

Storage - in closed silos, away from humidity.

Transportation – bulk in rail tanks or packed in railcars or trucks.



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WET CALCIUM CARBONATE

Technical Specifications

Characteristics	Values
Aspect	Microcrystalline powder
Color	White, dark-white
Calcium carbonate, min. % (as per dried substance)	90
Humidity, max. %	20
Nitrogen, max. % (as per dried substance)	2.5

Note: Nitrogen content refers the ammonium nitrate.