



MUSÉUM NATIONAL
D'HISTOIRE NATURELLE

Mineralogy

Discover the treasures of the Muséum



Analcime

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MNHN N°195.192

FROM : Near Achubi, Pakistan

SIZE : 6,5 x 7cm. Crystal: 3.7cm

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This sample shows milky white crystals of analcime on matrix, associated with prismatic crystals of brown zoisite. The largest crystal of analcime measures 3,7 cm in diameter. The whole sample measures 6.5 x 7 cm.

This specimen was discovered near Achubi in Pakistan. Thanks to support from Total, the specimen could be acquired by the Muséum national d'Histoire naturelle.

The sample is currently exposed in the Treasure Room, within the Gallery of Mineralogy of the Muséum.

Photography: Louis-Dominique Bayle, © MNHN.

Identity card

SPECIE : Analcime

HISTORY : Named after the greek word [analkis] meaning weak, in reference to its weak electrical charge observed after rubbing it

Species first described in 1797 by René-Just Haüy (1743-1822), French mineralogist and cristallographer

Type-locality: Cyclope island, Sicile, Italie

CHEMICAL FORMULA : Na Al Si₂O₆ H₂O

CRYSTAL SYSTEM : Triclinic

COLOR : Colourless, white, greenish, gray

DIAPHANIETY : Transparent to translucent

LUSTER : Vitreous

STREAK : White

MORPHOLOGY : Trapezohedric crystals, more often granular, compact, massive

HARDNESS : 5,0- 5,5

DENSITY : 2,271

CHEMICAL CLASS : VIII - Silicates

GROUP : Analcime

STRUNZ CLASS BEFORE 2001 : 8/J.27-10

STRUNZ CLASS AFTER 2001 : 9.GB.05