

Specification

Item number: CP19

Potassium bromide

for IR spectroscopy

CAS No.: 7758-02-3

print date: 01.01.2024

formula: KBr

density: 2,75

molecular weight: 119,00 g/mol

Type analysis

Suitability for IR spectrometry complies

Extinction

H₂O ($\lambda = 3775-3050 / 1760-1520 \text{ cm}^{-1}$) ≤ 0.15

CH-compounds ($\lambda = 3050-2750 \text{ cm}^{-1}$) ≤ 0.004

Others ($\lambda = 4000-400 \text{ cm}^{-1}$) ≤ 0.020

Particle size:

d10 $\leq 150 \mu\text{m}$

d50 $\leq 250 \mu\text{m}$

d90 $\leq 500 \mu\text{m}$

Parameters of the spectroscopic measurement

Mass of the pellet: 2 g

Layer thickness of the pellet: 0.5 cm

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

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