

Product Specification

Product Name:

Potassium Bromide for IR spectroscopy

Product No.: PSR46506
Brand: PureSynth
CAS No.: 7758-02-3
Molecular Formula: KBr
Molecular Weight: 119.0 g/mol

K-Br

Test	Specification
Appearance	White crystalline solid
Assay	≥ 99.0 %
Performance (for FT-IR spectroscopy)	Passes Test
Absorbance (Water; 3775-3050/ 1760-1520 cm ⁻¹)	≤ 0.15
Absorbance (CH-compounds; 3050-2750 cm ⁻¹)	≤ 0.004
Absorbance (other; 4000-400 cm ⁻¹)	≤ 0.020
Particle Size (d10)	≤ 150 microns
Particle Size (d50)	≤ 250 microns
Particle Size (d90)	≤ 500 microns

Specification: OT-1.0-QA/023, Ver. No. 1.1, 25.02.2026,

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com