



Taking Sulfur Out of the Equation

Sorbent Specification

SulfaTrap™-R7 Sulfur

SulfaTrap™ is a high-capacity, fast-reacting sorbent that effectively remove sulfides, mercaptans, tetrahydrothiophene (THT), di-sulfides and tri-sulfides, hydrogen sulfide (H₂S) and carbonyl sulfide (COS) and reduce the sulfur concentration in the fuel to ppbv levels

Intended Use: Sulfur removal from gaseous flow streams, including natural gas.

Operating Conditions: Ambient temperature up to 45°C.

General Specifications:

Size: 1/16" pellets

Appearance: medium brown

Bulk Density: 78-83 lbs/ft³

LOD (120°C): <5 wt%

Packaging: Packaged in plastic bags and placed in steel or plastic drums.

Each production lot of SulfaTrap™-R7 will be delivered with a Certificate of Analysis including the following information:

Bulk Density

LOD (120°C)

Sulfur removal capacity

Standard sorbent screening test:

4,000 h⁻¹ GHSV, 2000 ppmv hydrogen sulfide, 19-23°C, 2.2% moisture, 39.1% CO₂, 58.7% CH₄

Sample drawn from 1L composite sample of 1.2 ft³ lot

Minimum 7% combined sulfur loading by weight at breakthrough