

Analytical Report – Boltzmann Gas- and Materiallab

Title: ISO14687:2019 Screening
Customer: DuPont Specialty Products GmbH & Co. KG; Hugenottenallee 175;
D-63263 Neu-Isenburg
Date of filling sample: HyCentA Hydrogen Testfield; 14 August 2024
Medium: Hydrogen (g) with ~1g Substance „MOLYKOTE® HP-300 Grease“
Description: Measurement after SAE J2601 refueling in Type IV tank; 70 MPa
Instruments used: IMR EI MS (CombiSense, V&F), FTIR (Matrix MG5, Bruker)
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Date of analysis: 2024-09-03
Report ID: referred to Report ID 2024-09-03/1

This certification confirms that MOLYKOTE® HP-300 does not affect the hydrogen purity of the ISO 14687:2019 Grade D standard.

Thomas Stöhr
Dr. Thomas Stöhr, Project Lead