



东营源升化工有限公司
Dongying Yuansheng Chemical Co., Ltd

CERTIFICATE OF ANALYSIS

(COA) | Product: Boron trifluoride (BF3 gas)

Product Name	Boron trifluoride (BF3 gas)	Formula	BF3
CAS No.	7637-07-2	EC No.	231-569-1
Grade	Pure / technical gas	Molecular Weight	67.81 g/mol
Batch No.	YSH-20262801	Net Weight	As per packing list
Production Date	2026-09-20	Test Date	2026-09-22
Expiry Date	2027-09-19	Inspection	Internal / relevant standard

No.	Test Item	Specification	Test Result	Result
1	Appearance	Colourless, compressed gas	Colourless, compressed gas	Pass
2	BF3 purity, %	≥ 99.5	99.7	Pass
3	Air, ppm	≤ 100	50	Pass
4	Hydrofluoric acid (HF)	Trace	Trace	Pass
5	Sulfur compounds, ppm	≤ 5	2	Pass
6	Cylinder pressure (20°C), MPa	As label	As label	Pass

Conclusion: The above test results show that this batch of product complies with the specified grade requirements and is approved for release.

Tested by (QC):

Checked by (QC Supervisor):

Approved by (Quality Mgr.):

Date: 2026-09-22

Date: _____

Date: _____

Valid only with the official quality inspection seal of Dongying Yuansheng Chemical Co., Ltd. Issued solely for the batch shown.