

LABORCHEMIE APOLDA GMBH

A Member of HEYL

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**Product: Borontrifluoride-Aniline-Complex
in Polyethylene glycol 400 (BAK 1171)**

CAS-No: 660-53-7 (Complex)
25322-68-3 (Polyethylene glycol)

Art.-No.: 4019

Specification

Description:: brown to dark brown viscous liquid

Water content: max. 1.5 %

Density 25 °C: 1.22 + 0.02 g/ml

Viscosity: 90 – 170 poise



**Product: Borontrifluoride- 2,4-Dimethylaniline
Complex 50 % in 1,4- Butanediol**

Formula: $C_8H_{11}N \times BF_3$ in $C_4H_{10}O_2$

CAS-No: 28879-19-8 (Complex)
110-63-4 (1,4 Butanediol)

Art.-No.: 4033

Specification

Descriptio: colourless to brownish liquid

pH value (5 % in water): 4 to 5

Infrared spectrum: corresponds

Water content: max.1.0 %



Product: Borontrifluoride-Benzylamin-Complex

Formula: $C_7H_9N \times BF_3$

CAS-No: 696-99-1

Art.-No.: 3906

Specification

Description: white to yellowish crystals

Melting range: 110 to 140 °C

Assay amine: 56 to 61 %

pH value (1g in 9 ml water –suspension): 4 to 5

pH value
(1g in methanol/acetone/water, every 3 ml): 5 to 7

Water content: max.1 %

Insoluble matter in acetone: max. 4 %

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Product: Borontrifluoride-mono-Isopropylamine-Complex

Formula: $C_3H_9N \times BF_3$

CAS-No: 3776-04-3

Artikel number: 3948

Specification

Description: white to yellowish crystals

Melting range: 94 to 114 °C

Assay amine: min 44.2 %

Assay BF_3 : min 50.7 %

pH value (10 % in water): 3.0 to 4.6

pH value
(3g in 6 ml methanol/3 ml water) 5.0 to 7.5

Water content: max. 2.0 %

Solubility in Methanol (3g in 6 ml): soluble

Solubility in Aceton :
(0,1g in 10 ml): soluble