

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-08 10:15:41

Date of Next Testing: 2029-04-07 10:15:41

Product Name: **4-Pyrazoleboronic acid pinacol ester**

CAS Number: 269410-08-4

Specifications & Purity: 98%

Lot #: D2503095

SKU #: **S45332**

Version: **0**

Analysis #: **498172**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.67 %
Nitrogen by Elemental Analysis	14-14.9 (%)	14.58 %
Melting point	145-149 (°C)	147.76000 °C
Carbon by Elemental Analysis	54.1-57.7 (%)	56.72 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S45332)	white to beige to brown powder or crystals	white to beige to brown powder or crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

