



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

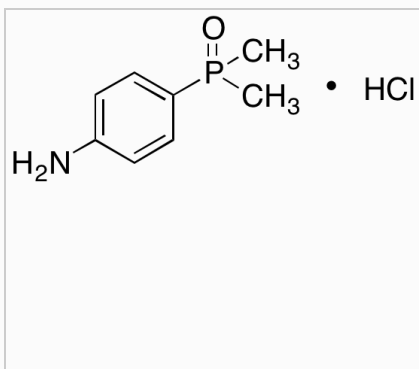
Catalogue Number: D477610

CAS Number: 479353-60-1

Product: 4-(Dimethylphosphinyl)benzenamine Hydrochloride

Synonym: 4-(Dimethylphosphoryl)benzenamine Hydrochloride; 4-(Dimethylphosphinoyl)aniline Hydrochloride; (4-Aminophenyl)dimethylphosphine Oxide Hydrochloride

Structure:



Molecular Formula:

C₈H₁₂NOP • HCl

Molecular weight:

169.16 + 36.46

Source of Product:

N/A

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 711618184-1-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	Report Result	99.78% (255 nm)
NMR	Conforms to Structure	Conforms
Appearance	Pale Brown to Light Brown Solid	Light Brown Solid
MS	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Chloride Content	Report Result	20.69% by Ion Chromatography
Elemental Analysis	Conforms	%C: 46.00, %H: 6.53, %N: 6.67

Additional Information: Contains: ~1.0% Ethanol

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	7/6/2022	7/4/2026