CERTIFICATE OF ANALYSIS

6-ANILINOPURINE, 6-(PHENYLAMINOPURINE), >95%
FW = 211.23

OLCHEMIM CODE: 001 697n
OLCHEMIM BATCH: 697-B
MANUFACTURING DATE: January 2025
EXPIRATION DATE: January 2035
CAS: 1210-66-8
BATCH SIZE: 12 g

ANALYSIS
Determined after drying to constant weight over phosphorus pentoxide *in vacuo*.
^{1}H-NMR - identical with standard.
GC-MS: Analyzed on Trace GC Ultra coupled to Polaris Q mass spectrometer (Finnigan Ltd.). Column – DB-5-MS, l = 15 m, ø = 25 µm. Retention time: 14.30 min. Mass spectrum matches the reference spectrum $[M-H]^-$ = 210.29.
HPLC: Samples were dissolved in mobile phase (initial conditions) and separated on RP-column (150 mm × 2.1 mm, 5µm) (Symmetry C18; Waters). The elution was performed with a methanol/ammonium formate gradient (pH = 4). The flow rate was 0.25 ml/min, 20ºC. The UV absorbance was scanned between 200 – 400 nm. Rt (6-Anilinopurine) = 19.75 min. Purity >95%.
STORAGE & STABILITY
LIGHT-SENSITIVE! Store dry over silica gel in tightly-sealed container at 2 - 8 °C. No detectable decomposition after 12 months storage under these conditions.
SAFETY
No toxicological data available for this compound. Treat as toxic and potentially mutagenic.

FOR LABORATORY USE BY EXPERIENCED PERSONNEL ONLY; NOT FOR DRUG, HOUSEHOLD OR OTHER USES

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