

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-V001020-1039)

Analysis Date: 08/09/2021

Re-test Date: 16/07/2023

## N-Nitrosodiisopropylamine

### Identification

Chemical Name : N,N-Diisopropylnitrous amide

CAT No. : SZ-V001020

CAS No. : 601-77-4

Molecular Formula : C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O

Molecular Weight : 130.2



### Analytical Information

Batch Code : SRL-465-59

Solubility : ACN:H<sub>2</sub>O(8:2)

Appearance of product : Yellow Liquid

Long Term Storage : 2-8 °C for long term storage

Water Content By KF : 0.23 %

Residue On Ignition : 0.00 %

HPLC Purity : 99.88 %

Mass : Confirm

IR Analysis : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

DEPT Analysis : Confirm

### Additional Information

% Potency = [100 - 0.23 ( Water Content By KF ) - 0.00(ROI) ] X [99.88 (HPLC Purity) ] / 100 = 99.65 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, NMR, IR, KF, CMR, DEPT, ROI

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.